



Statische Berechnung

Planteil - Holzbau -

Auftrags-Nr.:

Bauvorhaben:

Kyffhäuser Eingangsbauwerk
Kyffhäuser 1, 99707 Kyffhäuserland

Bauherr:

Kyffhäuser-Stiftung
Kyffhäuser 1, 99707 Kyffhäuserland
Tel.: 03632 741231
E-Mail: a.kirchner@kyffhaeuser-stiftung.de

Tragwerksplanung:

Arge Göhring + Satzer
An der Wiese 15, 99706 Sondershausen
Tel.: +49 3632 750030
E-Mail: goehring-satzer@gmx.de

Planer:

Cobe A/S
Orientkaj 4, st., 2150 Nordhavn
+45 4030 6820
mau@cobe.dk

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Ra_J_Kn4	Holz-Anschluss Dachträger-Stütze, Rahmen J - Knoten 4	1036
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Ra_K_Kn4	Holz-Anschluss Dachträger-Stütze, Rahmen K - Knoten 4	1065
Ra_K_Kn5	Holz-Anschluss Dachträger-Schrägstütze, Rahmen K - Knoten 5	1069
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Ra_L_Kn4	Holz-Anschluss Dachträger-Stütze, Rahmen L - Knoten 4	1099
Ra_L_Kn5	Holz-Anschluss Dachträger-Schrägstütze, Rahmen L - Knoten 5	1103
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Ra_L_AB	Schlitzblechanschluss Stütze, Rahmen L - Auflager B	1110
Ra_L_AC	Schlitzblechanschluss Schrägstütze, Rahmen L - Auflager C	1113

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Ra_M_Kn2	Holz-Anschluss Deckenträger-Stütze, Rahmen M - Knoten 2	1120
Ra_M_Kn3	Holz-Anschluss Dachträger-Stütze, Rahmen M - Knoten 3	1124
Ra_M_Kn4	Holz-Anschluss Dachträger-Stütze, Rahmen M - Knoten 4	1128

Ra_M_Kn5	Holz-Anschluss Dachträger-Schrägstütze, Rahmen M - Knoten 5	1132
Ra_M_AA	Schlitzblechanschluss Stütze, Rahmen M - Auflager A	1136
Ra_M_AB	Schlitzblechanschluss Stütze, Rahmen M - Auflager B	1139
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Ra_N_Kn2	Holz-Anschluss Deckenträger-Stütze, Rahmen N - Knoten 2	1156
Ra_N_Kn3	Holz-Anschluss Dachträger-Stütze, Rahmen N - Knoten 3	1160
Ra_N_Kn4	Holz-Anschluss Dachträger-Stütze, Rahmen N - Knoten 4	1164
Ra_N_Kn5	Holz-Anschluss Dachträger-Schrägstütze, Rahmen N - Knoten 5	1168
Ra_N_AA	Schlitzblechanschluss Stütze, Rahmen N - Auflager A	1172
Ra_N_AB	Schlitzblechanschluss Stütze, Rahmen N - Auflager B	1175
Ra_N_AC	Schlitzblechanschluss Schrägstütze, Rahmen N - Auflager C	1178

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Ra_O_Kn1	Holz-Anschluss Deckenträger-Stütze, Rahmen O - Knoten 1	1181
Ra_O_Kn2	Holz-Anschluss Deckenträger-Stütze, Rahmen O - Knoten 2	1185
Ra_O_Kn3	Holz-Anschluss Dachträger-Stütze, Rahmen O - Knoten 3	1189
Ra_O_Kn4	Holz-Anschluss Dachträger-Stütze, Rahmen O - Knoten 4	1193
Ra_O_Kn5	Holz-Anschluss Dachträger-Schrägstütze, Rahmen O - Knoten 5	1197
Ra_O_AA	Schlitzblechanschluss Stütze, Rahmen O - Auflager A	1201
Ra_O_AB	Schlitzblechanschluss Stütze, Rahmen O - Auflager B	1204
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Ra_P_Kn1	Holz-Anschluss Deckenträger-Stütze, Rahmen P - Knoten 1	1210
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Ra_P_Kn3	Holz-Anschluss Dachträger-Stütze, Rahmen P - Knoten 3	1218
Ra_P_Kn4	Holz-Anschluss Dachträger-Stütze, Rahmen P - Knoten 4	1222
Ra_P_Kn5	Holz-Anschluss Dachträger-Schrägstütze, Rahmen P - Knoten 5	1226
Ra_P_AA	Schlitzblechanschluss Stütze, Rahmen P - Auflager A	1230
Ra_P_AB	Schlitzblechanschluss Stütze, Rahmen P - Auflager B	1233
Ra_P_AC	Schlitzblechanschluss Schrägstütze, Rahmen P - Auflager C	1236

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Ra_Q_Kn2	Holz-Anschluss Deckenträger-Stütze, Rahmen Q - Knoten 2	1243
Ra_Q_Kn3	Holz-Anschluss Dachträger-Stütze, Rahmen Q - Knoten 3	1247
Ra_Q_Kn4	Holz-Anschluss Dachträger-Stütze, Rahmen Q - Knoten 4	1251
Ra_Q_Kn5	Holz-Anschluss Dachträger-Schrägstütze, Rahmen Q - Knoten 5	1255
Ra_Q_AA	Schlitzblechanschluss Stütze, Rahmen Q - Auflager A	1259
Ra_Q_AB	Schlitzblechanschluss Stütze, Rahmen Q - Auflager B	1262
Ra_Q_AC	Schlitzblechanschluss Schrägstütze, Rahmen Q - Auflager C	1265

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S0-R	Holz-Pendelstütze	1268
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Ra_R_Kn4	Holz-Anschluss Dachträger-Stütze, Rahmen R - Knoten 4	1277
Ra_R_Kn5	Holz-Anschluss Dachträger-Schrägstütze, Rahmen R - Knoten 5	1282
Ra_R_AA	Schlitzblechanschluss Stütze, Rahmen R - Auflager A	1285
Ra_R_AB	Schlitzblechanschluss Stütze, Rahmen R - Auflager B	1289
Ra_R_AC	Schlitzblechanschluss Schrägstütze, Rahmen R - Auflager C	1292
Ra_R_AD	Schlitzblechanschluss Giebelwandstütze, Rahmen R - Auflager D	1295
Ra_R_AE	Schlitzblechanschluss Giebelwandstütze, Rahmen R - Auflager E	1298
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Ra_R_AG	Schlitzblechanschluss Giebelwandstütze, Rahmen R - Auflager G	1304

Ra_R_AH	Schlitzblechanschluss Giebelwandstütze, Rahmen R - Auflager H	1307
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Ra_S_Kn5	Holz-Anschluss Dachträger-Schrägstütze, Rahmen S - Knoten 5	1314
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Ra_S_AC	Schlitzblechanschluss Schrägstütze, Rahmen S - Auflager C	1321
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DG-Fu2	Holz-Dachdecke über EG, Fugennachweis Brettsper Holz	1332
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TB-2	Terrassenbelag - Deckenbalken	1339

Pos. WSLZ

Wind- und Schneelastzonen des Standorts

Gebäude					
Gebäudestandort	Postleitzahl	PLZ	=	06567	
	Ortsname	Ort	=	Steinhaleben	
Gemeinde	Gemeindeschlüssel	AGS	=	16065068	
	Bundesland	Thüringen			
Geodätische Daten	Geogr. Breite	ϕ	=	51.41400	°
	Geogr. Länge	λ	=	11.10140	°
Geograf. Daten	Geländehöhe ü. NN	H_s	=	400.00	m
	Windzone	WZ	=	2	
	Schneelastzone	SLZ	=	2	
	char. Schneelast	S_k	=	1.21	kN/m ²

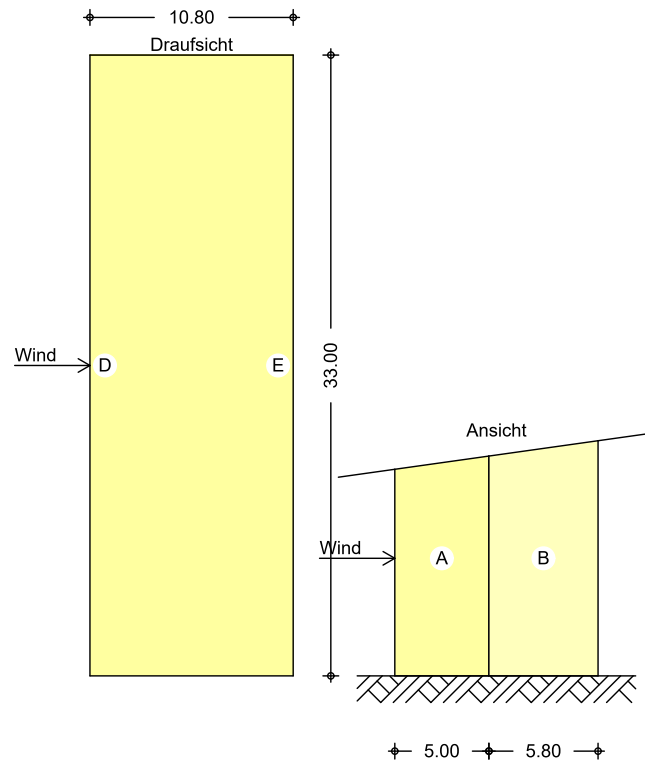
Pos. WSL	Flachdach mit Schnee u. Wind			
System	Gebäudedaten			
Abmessungen	Gebäudebreite	B =	10.80	m
	Gebäudelänge	L =	33.00	m
	Gebäudehöhe	H =	12.50	m
Geograf. Angaben	Geländehöhe über NN	A =	400.00	m
	Windzone	WZ =	2	
	Schneelastzone	SLZ =	2	
	Standort			Binnenland
Geometrie	Pulldach			
	Neigung	α =	8.00	°
	Dachüberstand Traufe links	$\ddot{U}_{T,li}$ =	3.00	m
	Dachüberstand Traufe rechts	$\ddot{U}_{T,re}$ =	3.00	m
	Dachüberstand Giebel vorne	$\ddot{U}_{G,v}$ =	2.00	m
	Dachüberstand Giebel hinten	$\ddot{U}_{G,h}$ =	2.00	m
Wandöffnungen	geschlossene Außenwände			
Einwirkungen	Einwirkungen nach DIN EN 1990:2010-12			
Qk.S	Schnee			
	Schnee- und Eislasten für Orte bis NN + 1000 m			
	Qk.S	min/max Werte		
Qk.W	Wind			
	Windlasten			
	Qk.W	min/max Werte		
Windlasten	Windlastermittlung nach DIN EN 1991-1-4:2010-12			
	Ermittlung mit vereinf. Annahmen nach NA.B.3.2			
	Anströmrichtung 0° auf Traufe links			
	Bezugshöhe	z_e =	12.50	m
	Geschwindigkeitsdruck	q_p =	0.80	kN/m²
	Lasteinflussfläche	A ≥	10.00	m²

Qk.W.000
Richtung $\Theta=0^\circ$

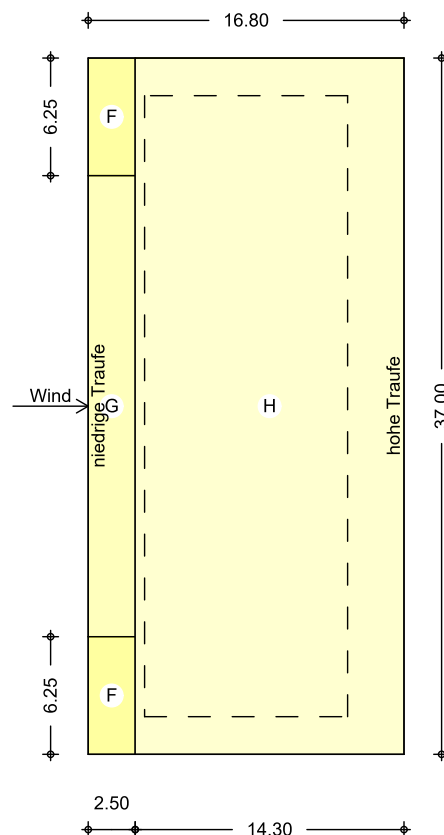
Bereichsgröße

$e_D = 25.00$ m
 $e_w = 25.00$ m

Bereichseinteilung
M 1:400



M 1:400



Bereich	d,b [m]	h [m]	c _{pe,1} [-]	c _{pe,10} [-]	w _{e,10} [kN/m²]
A	5.00	12.50	-1.41	-1.21	-0.97
B	5.80	12.50	-1.10	-0.80	-0.64
D	33.00	12.50	1.00	0.80	0.64
E	33.00	12.50	-0.51	-0.50	-0.40

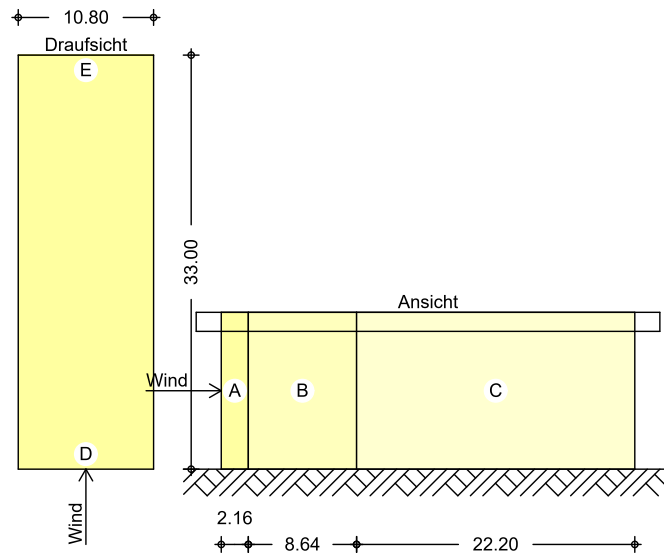
Bereich	d [m]	b [m]	c _{pe,1} [-]	c _{pe,10} [-]	w _{e,10} [kN/m²]
F-	2.50	6.25	-2.35	-1.46	-1.17
F+	2.50	6.25	0.06	0.06	0.05
G-	2.50	24.50	-1.85	-1.08	-0.86
G+	2.50	24.50	0.06	0.06	0.05
H-	14.30	37.00	-0.93	-0.51	-0.41
H+	14.30	37.00	0.06	0.06	0.05

Qk.W.090
Richtung $\Theta=90^\circ$

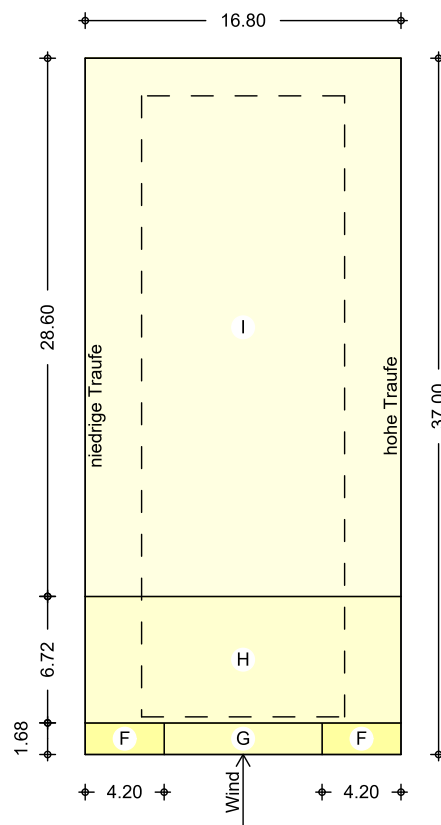
Bereichsgröße

$e_D = 16.80$ m
 $e_W = 10.80$ m

Bereichseinteilung
M 1:600



M 1:400



Bereich	d,b [m]	h [m]	$c_{pe,1}$ [-]	$c_{pe,10}$ [-]	$w_{e,10}$ [kN/m ²]
A	2.16	12.50	-1.40	-1.20	-0.96
B	8.64	12.50	-1.10	-0.80	-0.64
C	22.20	12.50	-0.50	-0.50	-0.40
D	10.80	12.50	1.00	0.72	0.57

Bereich	d,b [m]	h [m]	c _{pe,1} [-]	c _{pe,10} [-]	w _{e,10} [kN/m²]
E	10.80	12.50	-0.50	-0.33	-0.27

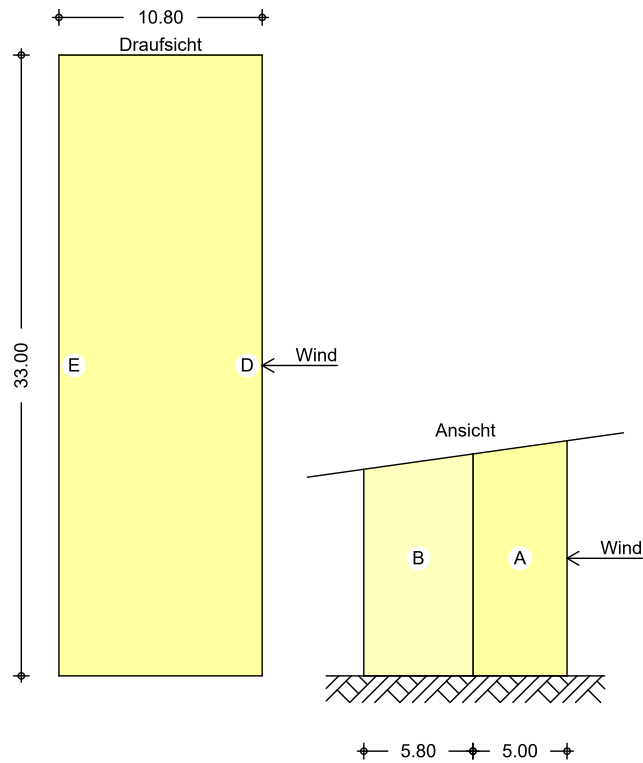
Bereich	d [m]	b [m]	c _{pe,1} [-]	c _{pe,10} [-]	w _{e,10} [kN/m²]
F _{hoch}	1.68	4.20	-2.69	-2.19	-1.75
F _{tief}	1.68	4.20	-2.40	-1.95	-1.56
G	1.68	8.40	-2.15	-1.83	-1.46
H	6.72	16.80	-1.20	-0.66	-0.53
I	28.60	16.80	-0.71	-0.56	-0.45

Qk.W.180
Richtung $\Theta=180^\circ$

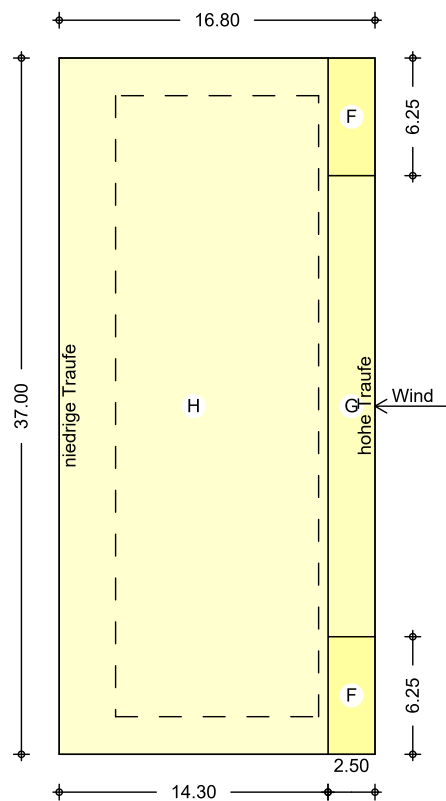
Bereichsgröße

$e_D = 25.00$ m
 $e_W = 25.00$ m

Bereichseinteilung
M 1:400



M 1:400



Bereich	d,b [m]	h [m]	c _{pe,1} [-]	c _{pe,10} [-]	w _{e,10} [kN/m²]
A	5.00	12.50	-1.41	-1.21	-0.97
B	5.80	12.50	-1.10	-0.80	-0.64
D	33.00	12.50	1.00	0.80	0.64
E	33.00	12.50	-0.51	-0.50	-0.40

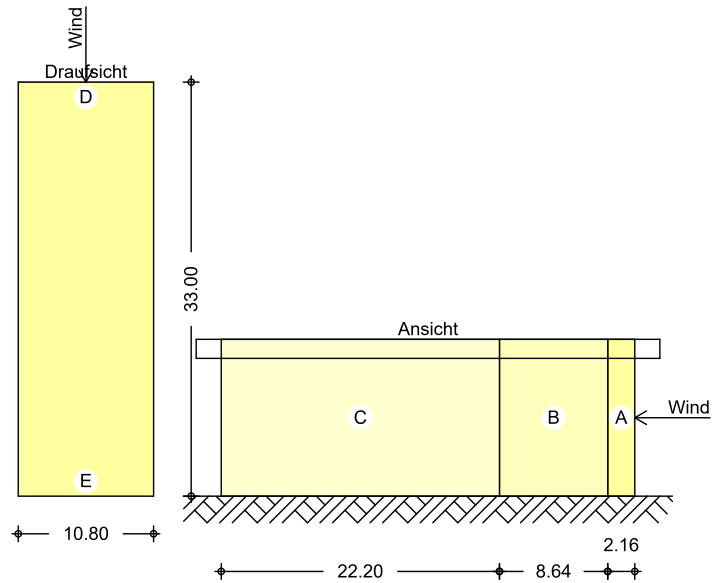
Bereich	d [m]	b [m]	c _{pe,1} [-]	c _{pe,10} [-]	w _{e,10} [kN/m²]
F	2.50	6.25	-2.59	-2.36	-1.89
G	2.50	24.50	-2.00	-1.30	-1.04
H	14.30	37.00	-1.20	-0.83	-0.66

Qk.W.270
Richtung $\Theta=270^\circ$

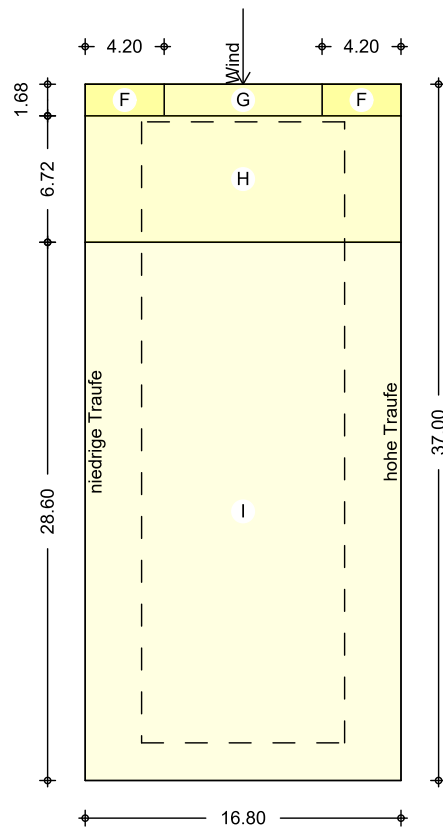
Bereichsgröße

$e_D = 16.80$ m
 $e_W = 10.80$ m

Bereichseinteilung
M 1:600



M 1:400



Bereich	d,b [m]	h [m]	$c_{pe,1}$ [-]	$c_{pe,10}$ [-]	$w_{e,10}$ [kN/m ²]
A	2.16	12.50	-1.40	-1.20	-0.96
B	8.64	12.50	-1.10	-0.80	-0.64
C	22.20	12.50	-0.50	-0.50	-0.40
D	10.80	12.50	1.00	0.72	0.57

Bereich	d,b [m]	h [m]	c _{pe,1} [-]	c _{pe,10} [-]	w _{e,10} [kN/m ²]
E	10.80	12.50	-0.50	-0.33	-0.27

Bereich	d [m]	b [m]	c _{pe,1} [-]	c _{pe,10} [-]	w _{e,10} [kN/m ²]
F _{hoch}	1.68	4.20	-2.69	-2.19	-1.75
F _{tief}	1.68	4.20	-2.40	-1.95	-1.56
G	1.68	8.40	-2.15	-1.83	-1.46
H	6.72	16.80	-1.20	-0.66	-0.53
I	28.60	16.80	-0.71	-0.56	-0.45

Schneelasten

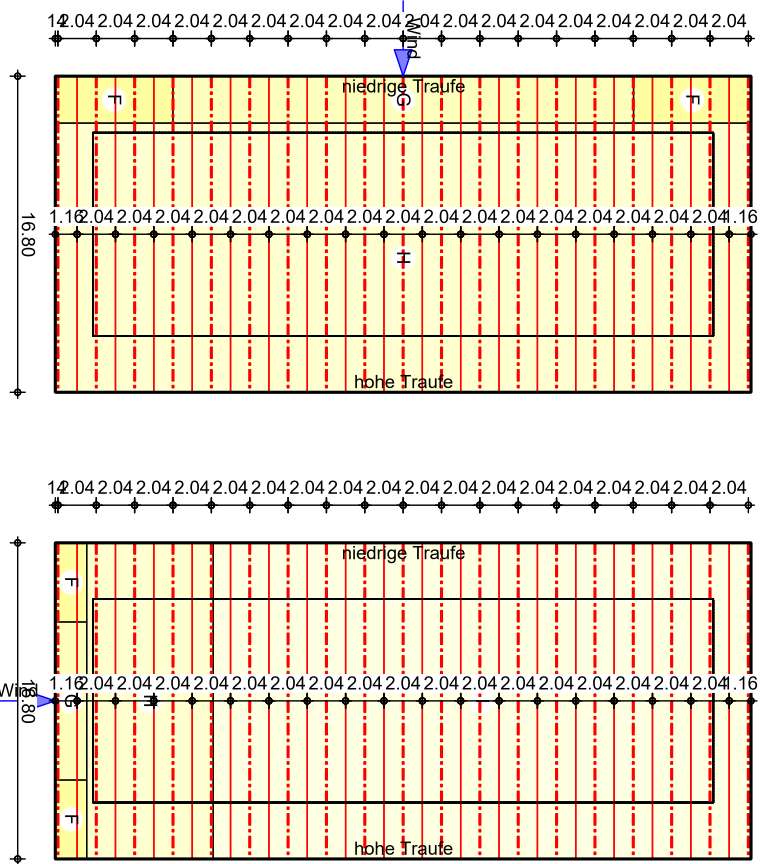
Schneelastermittlung nach DIN EN 1991-1-3:2010-12

char. Schneelast auf Boden	s _k	=	1.21	kN/m ²
Formbeiwert für Schneelast	μ ₁	=	1.00	-
Schneelast auf dem Dach	s	=	1.21	kN/m ²

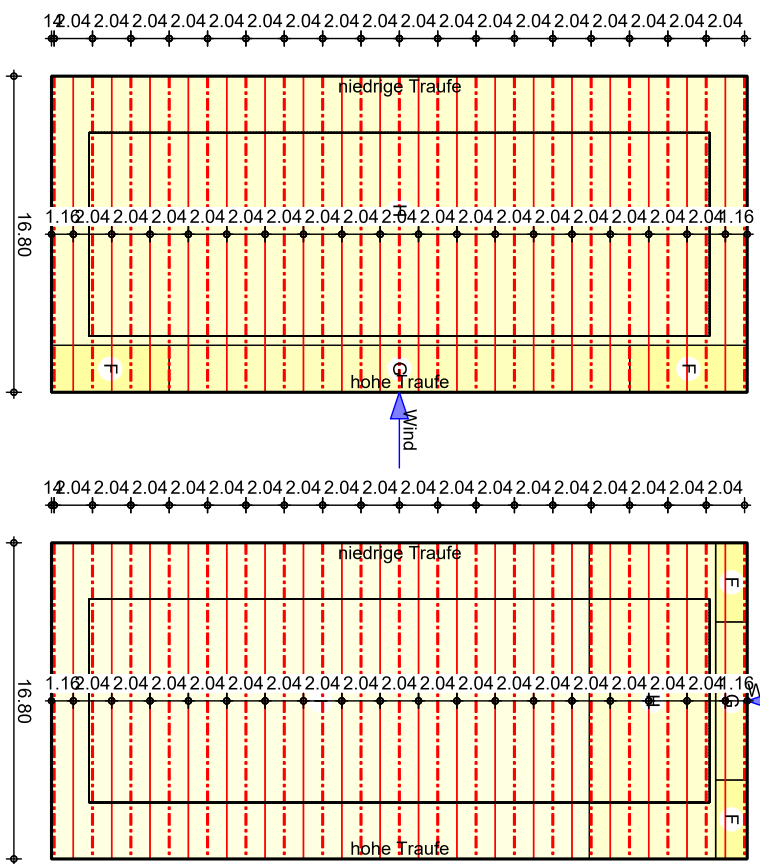
Dachlage

Wind- und Schneelasten für Bauteile in Dachlage

Grafik
M 1:400



M 1:400



Sparren

Bauteil ROD1

Bauteile quer zur Traufe

x_A [m]	y_A [m]	l [m]	LB_{li} [m]	LB_{re} [m]	A [m ²]
0.00	0.14	16.80	1.02	0.14	19.68

Qk.W.000

Richt.	Bereich	x_A [m]	x_E [m]	$c_{pe,A+}$ [-]	$q+$ [kN/m]	$c_{pe,A-}$ [-]	$q-$ [kN/m]
⊥DF	D	0.00	3.00	-	-	0.80	-0.74
⊥DF	E	13.80	16.80	-0.50	0.46	-	-
⊥DF	F	0.00	2.50	0.06	0.06	-1.46	-1.35
⊥DF	H	2.50	16.80	0.06	0.06	-0.51	-0.47

Qk.W.090

⊥DF	D	0.00	16.80	-	-	0.72	-0.67
⊥DF	F _{hoch}	12.60	16.80	-	-	-2.19	-2.03
⊥DF	F _{tief}	0.00	4.20	-	-	-1.95	-1.81
⊥DF	G	4.20	12.60	-	-	-1.83	-1.70

Qk.W.180

⊥DF	D	13.80	16.80	-	-	0.80	-0.74
⊥DF	E	0.00	3.00	-0.50	0.46	-	-
⊥DF	F	14.30	16.80	-	-	-2.36	-2.19
⊥DF	H	0.00	14.30	-	-	-0.83	-0.77

Qk.W.270

⊥DF	E	0.00	16.80	-0.33	0.31	-	-
⊥DF	I	0.00	16.80	-	-	-0.56	-0.52

Qk.S.A

⊥GF	DF	0.00	16.80	-	1.41	-	-
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Bauteil R1D1

x_A [m]	y_A [m]	l [m]	LB_{li} [m]	LB_{re} [m]	A [m ²]
0.00	2.18	16.80	1.02	1.02	34.61

Qk.W.000

Richt.	Bereich	x_A [m]	x_E [m]	$c_{pe,A+}$ [-]	$q+$ [kN/m]	$c_{pe,A-}$ [-]	$q-$ [kN/m]
⊥DF	D	0.00	3.00	-	-	0.80	-1.31
⊥DF	E	13.80	16.80	-0.50	0.82	-	-
⊥DF	F	0.00	2.50	0.06	0.10	-1.46	-2.38
⊥DF	H	2.50	16.80	0.06	0.10	-0.51	-0.83

Qk.W.090

⊥DF	D	0.00	16.80	-	-	0.72	-0.48
⊥DF	F _{hoch}	12.60	16.80	-	-	-2.19	-0.91
⊥DF	F _{tief}	0.00	4.20	-	-	-1.95	-0.81
⊥DF	G	4.20	12.60	-	-	-1.83	-0.76
⊥DF	H	0.00	16.80	-	-	-0.66	-0.80

Qk.W.180

⊥DF	D	13.80	16.80	-	-	0.80	-1.31
⊥DF	E	0.00	3.00	-0.50	0.82	-	-
⊥DF	F	14.30	16.80	-	-	-2.36	-3.85
⊥DF	H	0.00	14.30	-	-	-0.83	-1.35

Qk.W.270

⊥DF	E	0.00	16.80	-0.33	0.22	-	-
⊥DF	I	0.00	16.80	-	-	-0.56	-0.91

Qk.S.A

⊥GF	DF	0.00	16.80	-	2.48	-	-
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Bauteil R2D1

x_A [m]	y_A [m]	l [m]	LB_{li} [m]	LB_{re} [m]	A [m ²]
0.00	4.22	16.80	1.02	1.02	34.61

	Richt.	Bereich	x _A [m]	x _E [m]	c _{pe,A+} [-]	q ⁺ [kN/m]	c _{pe,A-} [-]	q ⁻ [kN/m]
Qk.W.000	⊥DF	D	0.00	3.00	-	-	0.80	-1.31
	⊥DF	E	13.80	16.80	-0.50	0.82	-	-
	⊥DF	F	0.00	2.50	0.06	0.10	-1.46	-2.38
	⊥DF	H	2.50	16.80	0.06	0.10	-0.51	-0.83
Qk.W.090	⊥DF	H	0.00	16.80	-	-	-0.66	-1.08
Qk.W.180	⊥DF	D	13.80	16.80	-	-	0.80	-1.31
	⊥DF	E	0.00	3.00	-0.50	0.82	-	-
	⊥DF	F	14.30	16.80	-	-	-2.36	-3.85
	⊥DF	H	0.00	14.30	-	-	-0.83	-1.35
Qk.W.270	⊥DF	I	0.00	16.80	-	-	-0.56	-0.91
Qk.S.A	⊥GF	DF	0.00	16.80	-	2.48	-	-

Bauteil R3D1

x _A [m]	y _A [m]	l [m]	LB _{li} [m]	LB _{re} [m]	A [m ²]
0.00	6.26	16.80	1.02	1.02	34.61

	Richt.	Bereich	x _A [m]	x _E [m]	c _{pe,A+} [-]	q ⁺ [kN/m]	c _{pe,A-} [-]	q ⁻ [kN/m]
Qk.W.000	⊥DF	D	0.00	3.00	-	-	0.80	-1.31
	⊥DF	E	13.80	16.80	-0.50	0.82	-	-
	⊥DF	F	0.00	2.50	0.06	0.05	-1.46	-1.18
	⊥DF	G	0.00	2.50	0.06	0.05	-1.08	-0.89
	⊥DF	H	2.50	16.80	0.06	0.10	-0.51	-0.83
Qk.W.090	⊥DF	H	0.00	16.80	-	-	-0.66	-1.08
Qk.W.180	⊥DF	D	13.80	16.80	-	-	0.80	-1.31
	⊥DF	E	0.00	3.00	-0.50	0.82	-	-
	⊥DF	F	14.30	16.80	-	-	-2.36	-1.91
	⊥DF	G	14.30	16.80	-	-	-1.30	-1.07
	⊥DF	H	0.00	14.30	-	-	-0.83	-1.35
Qk.W.270	⊥DF	I	0.00	16.80	-	-	-0.56	-0.91
Qk.S.A	⊥GF	DF	0.00	16.80	-	2.48	-	-

Bauteil R4D1

x _A [m]	y _A [m]	l [m]	LB _{li} [m]	LB _{re} [m]	A [m ²]
0.00	8.30	16.80	1.02	1.02	34.61

	Richt.	Bereich	x _A [m]	x _E [m]	c _{pe,A+} [-]	q ⁺ [kN/m]	c _{pe,A-} [-]	q ⁻ [kN/m]
Qk.W.000	⊥DF	D	0.00	3.00	-	-	0.80	-1.31
	⊥DF	E	13.80	16.80	-0.50	0.82	-	-
	⊥DF	G	0.00	2.50	0.06	0.10	-1.08	-1.76
	⊥DF	H	2.50	16.80	0.06	0.10	-0.51	-0.83
Qk.W.090	⊥DF	H	0.00	16.80	-	-	-0.66	-0.59
	⊥DF	I	0.00	16.80	-	-	-0.56	-0.41
Qk.W.180	⊥DF	D	13.80	16.80	-	-	0.80	-1.31
	⊥DF	E	0.00	3.00	-0.50	0.82	-	-
	⊥DF	G	14.30	16.80	-	-	-1.30	-2.12

	Richt.	Bereich	x _A [m]	x _E [m]	c _{pe,A+} [-]	q ⁺ [kN/m]	c _{pe,A-} [-]	q ⁻ [kN/m]
Qk.W.270 Qk.S.A	⊥DF	H	0.00	14.30	-	-	-0.83	-1.35
	⊥DF	I	0.00	16.80	-	-	-0.56	-0.91
	⊥GF	DF	0.00	16.80	-	2.48	-	-
Bauteil R5D1								
			x _A [m]	y _A [m]	l [m]	LB _{li} [m]	LB _{re} [m]	A [m ²]
			0.00	10.34	16.80	1.02	1.02	34.61
	Richt.	Bereich	x _A [m]	x _E [m]	c _{pe,A+} [-]	q ⁺ [kN/m]	c _{pe,A-} [-]	q ⁻ [kN/m]
Qk.W.000	⊥DF	D	0.00	3.00	-	-	0.80	-1.31
	⊥DF	E	13.80	16.80	-0.50	0.82	-	-
	⊥DF	G	0.00	2.50	0.06	0.10	-1.08	-1.76
	⊥DF	H	2.50	16.80	0.06	0.10	-0.51	-0.83
Qk.W.090	⊥DF	I	0.00	16.80	-	-	-0.56	-0.91
Qk.W.180	⊥DF	D	13.80	16.80	-	-	0.80	-1.31
	⊥DF	E	0.00	3.00	-0.50	0.82	-	-
	⊥DF	G	14.30	16.80	-	-	-1.30	-2.12
	⊥DF	H	0.00	14.30	-	-	-0.83	-1.35
Qk.W.270	⊥DF	I	0.00	16.80	-	-	-0.56	-0.91
Qk.S.A	⊥GF	DF	0.00	16.80	-	2.48	-	-
Bauteil R6D1								
			x _A [m]	y _A [m]	l [m]	LB _{li} [m]	LB _{re} [m]	A [m ²]
			0.00	12.38	16.80	1.02	1.02	34.61
	Richt.	Bereich	x _A [m]	x _E [m]	c _{pe,A+} [-]	q ⁺ [kN/m]	c _{pe,A-} [-]	q ⁻ [kN/m]
Qk.W.000	⊥DF	D	0.00	3.00	-	-	0.80	-1.31
	⊥DF	E	13.80	16.80	-0.50	0.82	-	-
	⊥DF	G	0.00	2.50	0.06	0.10	-1.08	-1.76
	⊥DF	H	2.50	16.80	0.06	0.10	-0.51	-0.83
Qk.W.090	⊥DF	I	0.00	16.80	-	-	-0.56	-0.91
Qk.W.180	⊥DF	D	13.80	16.80	-	-	0.80	-1.31
	⊥DF	E	0.00	3.00	-0.50	0.82	-	-
	⊥DF	G	14.30	16.80	-	-	-1.30	-2.12
	⊥DF	H	0.00	14.30	-	-	-0.83	-1.35
Qk.W.270	⊥DF	I	0.00	16.80	-	-	-0.56	-0.91
Qk.S.A	⊥GF	DF	0.00	16.80	-	2.48	-	-
Bauteil R7D1								
			x _A [m]	y _A [m]	l [m]	LB _{li} [m]	LB _{re} [m]	A [m ²]
			0.00	14.42	16.80	1.02	1.02	34.61
	Richt.	Bereich	x _A [m]	x _E [m]	c _{pe,A+} [-]	q ⁺ [kN/m]	c _{pe,A-} [-]	q ⁻ [kN/m]
Qk.W.000	⊥DF	D	0.00	3.00	-	-	0.80	-1.31
	⊥DF	E	13.80	16.80	-0.50	0.82	-	-

	Richt.	Bereich	x _A [m]	x _E [m]	c _{pe,A+} [-]	q ⁺ [kN/m]	c _{pe,A-} [-]	q ⁻ [kN/m]
Qk.W.090 Qk.W.180	⊥DF	G	0.00	2.50	0.06	0.10	-1.08	-1.76
	⊥DF	H	2.50	16.80	0.06	0.10	-0.51	-0.83
	⊥DF	I	0.00	16.80	-	-	-0.56	-0.91
	⊥DF	D	13.80	16.80	-	-	0.80	-1.31
	⊥DF	E	0.00	3.00	-0.50	0.82	-	-
	⊥DF	G	14.30	16.80	-	-	-1.30	-2.12
	⊥DF	H	0.00	14.30	-	-	-0.83	-1.35
	⊥DF	I	0.00	16.80	-	-	-0.56	-0.91
Qk.W.270 Qk.S.A	⊥DF	I	0.00	16.80	-	-	-0.56	-0.91
	⊥GF	DF	0.00	16.80	-	2.48	-	-
Bauteil R8D1								
	x _A [m]	y _A [m]	l [m]	LB _{li} [m]	LB _{re} [m]	A [m ²]		
	0.00	16.46	16.80	1.02	1.02	34.61		
	Richt.	Bereich	x _A [m]	x _E [m]	c _{pe,A+} [-]	q ⁺ [kN/m]	c _{pe,A-} [-]	q ⁻ [kN/m]
Qk.W.000 Qk.W.090 Qk.W.180	⊥DF	D	0.00	3.00	-	-	0.80	-1.31
	⊥DF	E	13.80	16.80	-0.50	0.82	-	-
	⊥DF	G	0.00	2.50	0.06	0.10	-1.08	-1.76
	⊥DF	H	2.50	16.80	0.06	0.10	-0.51	-0.83
	⊥DF	I	0.00	16.80	-	-	-0.56	-0.91
	⊥DF	D	13.80	16.80	-	-	0.80	-1.31
	⊥DF	E	0.00	3.00	-0.50	0.82	-	-
	⊥DF	G	14.30	16.80	-	-	-1.30	-2.12
Qk.W.270 Qk.S.A	⊥DF	H	0.00	14.30	-	-	-0.83	-1.35
	⊥DF	I	0.00	16.80	-	-	-0.56	-0.91
	⊥GF	DF	0.00	16.80	-	2.48	-	-
Bauteil R9D1								
	x _A [m]	y _A [m]	l [m]	LB _{li} [m]	LB _{re} [m]	A [m ²]		
	0.00	18.50	16.80	1.02	1.02	34.61		
	Richt.	Bereich	x _A [m]	x _E [m]	c _{pe,A+} [-]	q ⁺ [kN/m]	c _{pe,A-} [-]	q ⁻ [kN/m]
Qk.W.000 Qk.W.090 Qk.W.180	⊥DF	D	0.00	3.00	-	-	0.80	-1.31
	⊥DF	E	13.80	16.80	-0.50	0.82	-	-
	⊥DF	G	0.00	2.50	0.06	0.10	-1.08	-1.76
	⊥DF	H	2.50	16.80	0.06	0.10	-0.51	-0.83
	⊥DF	I	0.00	16.80	-	-	-0.56	-0.91
	⊥DF	D	13.80	16.80	-	-	0.80	-1.31
	⊥DF	E	0.00	3.00	-0.50	0.82	-	-
	⊥DF	G	14.30	16.80	-	-	-1.30	-2.12
Qk.W.270 Qk.S.A	⊥DF	H	0.00	14.30	-	-	-0.83	-1.35
	⊥DF	I	0.00	16.80	-	-	-0.56	-0.91
	⊥GF	DF	0.00	16.80	-	2.48	-	-

Bauteil R10D1

x_A [m]	y_A [m]	l [m]	LB_{li} [m]	LB_{re} [m]	A [m ²]
0.00	20.54	16.80	1.02	1.02	34.61

	Richt.	Bereich	x_A [m]	x_E [m]	$c_{pe,A+}$ [-]	$q+$ [kN/m]	$c_{pe,A-}$ [-]	$q-$ [kN/m]
Qk.W.000	⊥DF	D	0.00	3.00	-	-	0.80	-1.31
	⊥DF	E	13.80	16.80	-0.50	0.82	-	-
	⊥DF	G	0.00	2.50	0.06	0.10	-1.08	-1.76
	⊥DF	H	2.50	16.80	0.06	0.10	-0.51	-0.83
Qk.W.090	⊥DF	I	0.00	16.80	-	-	-0.56	-0.91
Qk.W.180	⊥DF	D	13.80	16.80	-	-	0.80	-1.31
	⊥DF	E	0.00	3.00	-0.50	0.82	-	-
	⊥DF	G	14.30	16.80	-	-	-1.30	-2.12
	⊥DF	H	0.00	14.30	-	-	-0.83	-1.35
Qk.W.270	⊥DF	I	0.00	16.80	-	-	-0.56	-0.91
Qk.S.A	⊥GF	DF	0.00	16.80	-	2.48	-	-

Bauteil R11D1

x_A [m]	y_A [m]	l [m]	LB_{li} [m]	LB_{re} [m]	A [m ²]
0.00	22.58	16.80	1.02	1.02	34.61

	Richt.	Bereich	x_A [m]	x_E [m]	$c_{pe,A+}$ [-]	$q+$ [kN/m]	$c_{pe,A-}$ [-]	$q-$ [kN/m]
Qk.W.000	⊥DF	D	0.00	3.00	-	-	0.80	-1.31
	⊥DF	E	13.80	16.80	-0.50	0.82	-	-
	⊥DF	G	0.00	2.50	0.06	0.10	-1.08	-1.76
	⊥DF	H	2.50	16.80	0.06	0.10	-0.51	-0.83
Qk.W.090	⊥DF	I	0.00	16.80	-	-	-0.56	-0.91
Qk.W.180	⊥DF	D	13.80	16.80	-	-	0.80	-1.31
	⊥DF	E	0.00	3.00	-0.50	0.82	-	-
	⊥DF	G	14.30	16.80	-	-	-1.30	-2.12
	⊥DF	H	0.00	14.30	-	-	-0.83	-1.35
Qk.W.270	⊥DF	I	0.00	16.80	-	-	-0.56	-0.91
Qk.S.A	⊥GF	DF	0.00	16.80	-	2.48	-	-

Bauteil R12D1

x_A [m]	y_A [m]	l [m]	LB_{li} [m]	LB_{re} [m]	A [m ²]
0.00	24.62	16.80	1.02	1.02	34.61

	Richt.	Bereich	x_A [m]	x_E [m]	$c_{pe,A+}$ [-]	$q+$ [kN/m]	$c_{pe,A-}$ [-]	$q-$ [kN/m]
Qk.W.000	⊥DF	D	0.00	3.00	-	-	0.80	-1.31
	⊥DF	E	13.80	16.80	-0.50	0.82	-	-
	⊥DF	G	0.00	2.50	0.06	0.10	-1.08	-1.76
	⊥DF	H	2.50	16.80	0.06	0.10	-0.51	-0.83
Qk.W.090	⊥DF	I	0.00	16.80	-	-	-0.56	-0.91
Qk.W.180	⊥DF	D	13.80	16.80	-	-	0.80	-1.31
	⊥DF	E	0.00	3.00	-0.50	0.82	-	-
	⊥DF	G	14.30	16.80	-	-	-1.30	-2.12

	Richt.	Bereich	x _A [m]	x _E [m]	c _{pe,A+} [-]	q ⁺ [kN/m]	c _{pe,A-} [-]	q ⁻ [kN/m]
Qk.W.270 Qk.S.A	⊥DF	H	0.00	14.30	-	-	-0.83	-1.35
	⊥DF	I	0.00	16.80	-	-	-0.56	-0.91
	⊥GF	DF	0.00	16.80	-	2.48	-	-
Bauteil R13D1								
			x _A [m]	y _A [m]	l [m]	LB _{li} [m]	LB _{re} [m]	A [m ²]
			0.00	26.66	16.80	1.02	1.02	34.61
	Richt.	Bereich	x _A [m]	x _E [m]	c _{pe,A+} [-]	q ⁺ [kN/m]	c _{pe,A-} [-]	q ⁻ [kN/m]
Qk.W.000	⊥DF	D	0.00	3.00	-	-	0.80	-1.31
	⊥DF	E	13.80	16.80	-0.50	0.82	-	-
	⊥DF	G	0.00	2.50	0.06	0.10	-1.08	-1.76
	⊥DF	H	2.50	16.80	0.06	0.10	-0.51	-0.83
Qk.W.090	⊥DF	I	0.00	16.80	-	-	-0.56	-0.91
Qk.W.180	⊥DF	D	13.80	16.80	-	-	0.80	-1.31
	⊥DF	E	0.00	3.00	-0.50	0.82	-	-
	⊥DF	G	14.30	16.80	-	-	-1.30	-2.12
	⊥DF	H	0.00	14.30	-	-	-0.83	-1.35
Qk.W.270	⊥DF	I	0.00	16.80	-	-	-0.56	-0.91
Qk.S.A	⊥GF	DF	0.00	16.80	-	2.48	-	-
Bauteil R14D1								
			x _A [m]	y _A [m]	l [m]	LB _{li} [m]	LB _{re} [m]	A [m ²]
			0.00	28.70	16.80	1.02	1.02	34.61
	Richt.	Bereich	x _A [m]	x _E [m]	c _{pe,A+} [-]	q ⁺ [kN/m]	c _{pe,A-} [-]	q ⁻ [kN/m]
Qk.W.000	⊥DF	D	0.00	3.00	-	-	0.80	-1.31
	⊥DF	E	13.80	16.80	-0.50	0.82	-	-
	⊥DF	G	0.00	2.50	0.06	0.10	-1.08	-1.76
	⊥DF	H	2.50	16.80	0.06	0.10	-0.51	-0.83
Qk.W.090	⊥DF	I	0.00	16.80	-	-	-0.56	-0.91
Qk.W.180	⊥DF	D	13.80	16.80	-	-	0.80	-1.31
	⊥DF	E	0.00	3.00	-0.50	0.82	-	-
	⊥DF	G	14.30	16.80	-	-	-1.30	-2.12
	⊥DF	H	0.00	14.30	-	-	-0.83	-1.35
Qk.W.270	⊥DF	H	0.00	16.80	-	-	-0.66	-0.59
	⊥DF	I	0.00	16.80	-	-	-0.56	-0.41
Qk.S.A	⊥GF	DF	0.00	16.80	-	2.48	-	-
Bauteil R15D1								
			x _A [m]	y _A [m]	l [m]	LB _{li} [m]	LB _{re} [m]	A [m ²]
			0.00	30.74	16.80	1.02	1.02	34.61
	Richt.	Bereich	x _A [m]	x _E [m]	c _{pe,A+} [-]	q ⁺ [kN/m]	c _{pe,A-} [-]	q ⁻ [kN/m]
Qk.W.000	⊥DF	D	0.00	3.00	-	-	0.80	-1.31

	Richt.	Bereich	x _A [m]	x _E [m]	c _{pe,A+} [-]	q ⁺ [kN/m]	c _{pe,A-} [-]	q ⁻ [kN/m]
Qk.W.090	⊥DF	E	13.80	16.80	-0.50	0.82	-	-
	⊥DF	F	0.00	2.50	0.06	0.05	-1.46	-1.18
	⊥DF	G	0.00	2.50	0.06	0.05	-1.08	-0.89
	⊥DF	H	2.50	16.80	0.06	0.10	-0.51	-0.83
	⊥DF	I	0.00	16.80	-	-	-0.56	-0.91
Qk.W.180	⊥DF	D	13.80	16.80	-	-	0.80	-1.31
	⊥DF	E	0.00	3.00	-0.50	0.82	-	-
	⊥DF	F	14.30	16.80	-	-	-2.36	-1.91
	⊥DF	G	14.30	16.80	-	-	-1.30	-1.07
	⊥DF	H	0.00	14.30	-	-	-0.83	-1.35
Qk.W.270	⊥DF	H	0.00	16.80	-	-	-0.66	-1.08
Qk.S.A	⊥GF	DF	0.00	16.80	-	2.48	-	-

Bauteil R16D1

x _A [m]	y _A [m]	l [m]	LB _{li} [m]	LB _{re} [m]	A [m ²]
0.00	32.78	16.80	1.02	1.02	34.61

	Richt.	Bereich	x _A [m]	x _E [m]	c _{pe,A+} [-]	q ⁺ [kN/m]	c _{pe,A-} [-]	q ⁻ [kN/m]
Qk.W.000	⊥DF	D	0.00	3.00	-	-	0.80	-1.31
	⊥DF	E	13.80	16.80	-0.50	0.82	-	-
	⊥DF	F	0.00	2.50	0.06	0.10	-1.46	-2.38
	⊥DF	H	2.50	16.80	0.06	0.10	-0.51	-0.83
Qk.W.090	⊥DF	I	0.00	16.80	-	-	-0.56	-0.91
Qk.W.180	⊥DF	D	13.80	16.80	-	-	0.80	-1.31
	⊥DF	E	0.00	3.00	-0.50	0.82	-	-
	⊥DF	F	14.30	16.80	-	-	-2.36	-3.85
	⊥DF	H	0.00	14.30	-	-	-0.83	-1.35
Qk.W.270	⊥DF	H	0.00	16.80	-	-	-0.66	-1.08
Qk.S.A	⊥GF	DF	0.00	16.80	-	2.48	-	-

Bauteil R17D1

x _A [m]	y _A [m]	l [m]	LB _{li} [m]	LB _{re} [m]	A [m ²]
0.00	34.82	16.80	1.02	1.02	34.61

	Richt.	Bereich	x _A [m]	x _E [m]	c _{pe,A+} [-]	q ⁺ [kN/m]	c _{pe,A-} [-]	q ⁻ [kN/m]
Qk.W.000	⊥DF	D	0.00	3.00	-	-	0.80	-1.31
	⊥DF	E	13.80	16.80	-0.50	0.82	-	-
	⊥DF	F	0.00	2.50	0.06	0.10	-1.46	-2.38
	⊥DF	H	2.50	16.80	0.06	0.10	-0.51	-0.83
Qk.W.090	⊥DF	E	0.00	16.80	-0.33	0.22	-	-
	⊥DF	I	0.00	16.80	-	-	-0.56	-0.91
Qk.W.180	⊥DF	D	13.80	16.80	-	-	0.80	-1.31
	⊥DF	E	0.00	3.00	-0.50	0.82	-	-
	⊥DF	F	14.30	16.80	-	-	-2.36	-3.85
	⊥DF	H	0.00	14.30	-	-	-0.83	-1.35

	Richt.	Bereich	x _A [m]	x _E [m]	c _{pe,A+} [-]	q ⁺ [kN/m]	c _{pe,A-} [-]	q ⁻ [kN/m]
Qk.W.270	⊥DF	D	0.00	16.80	-	-	0.72	-0.48
	⊥DF	F _{hoch}	12.60	16.80	-	-	-2.19	-0.91
	⊥DF	F _{tief}	0.00	4.20	-	-	-1.95	-0.81
	⊥DF	G	4.20	12.60	-	-	-1.83	-0.76
	⊥DF	H	0.00	16.80	-	-	-0.66	-0.80
Qk.S.A	⊥GF	DF	0.00	16.80	-	2.48	-	-

Bauteil R18D1

x _A [m]	y _A [m]	l [m]	LB _{li} [m]	LB _{re} [m]	A [m ²]
0.00	36.86	16.80	0.14	1.02	19.68

	Richt.	Bereich	x _A [m]	x _E [m]	c _{pe,A+} [-]	q ⁺ [kN/m]	c _{pe,A-} [-]	q ⁻ [kN/m]
Qk.W.000	⊥DF	D	0.00	3.00	-	-	0.80	-0.74
	⊥DF	E	13.80	16.80	-0.50	0.46	-	-
	⊥DF	F	0.00	2.50	0.06	0.06	-1.46	-1.35
	⊥DF	H	2.50	16.80	0.06	0.06	-0.51	-0.47
Qk.W.090	⊥DF	E	0.00	16.80	-0.33	0.31	-	-
	⊥DF	I	0.00	16.80	-	-	-0.56	-0.52
Qk.W.180	⊥DF	D	13.80	16.80	-	-	0.80	-0.74
	⊥DF	E	0.00	3.00	-0.50	0.46	-	-
	⊥DF	F	14.30	16.80	-	-	-2.36	-2.19
	⊥DF	H	0.00	14.30	-	-	-0.83	-0.77
Qk.W.270	⊥DF	D	0.00	16.80	-	-	0.72	-0.67
	⊥DF	F _{hoch}	12.60	16.80	-	-	-2.19	-2.03
	⊥DF	F _{tief}	0.00	4.20	-	-	-1.95	-1.81
	⊥DF	G	4.20	12.60	-	-	-1.83	-1.70
Qk.S.A	⊥GF	DF	0.00	16.80	-	1.41	-	-

Wandlage

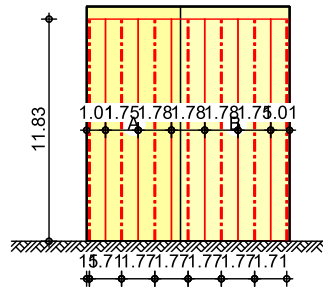
Windlasten für Bauteile in Wandlage

Grafik

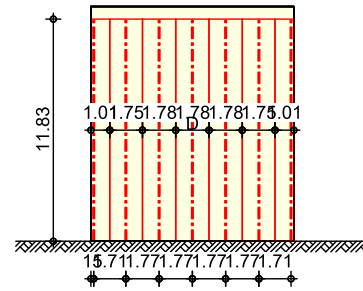
M 1:400

Giebel vorne

$\Theta = 0^\circ$

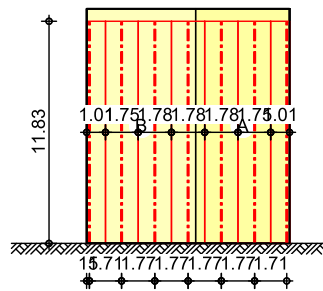


$\Theta = 90^\circ$

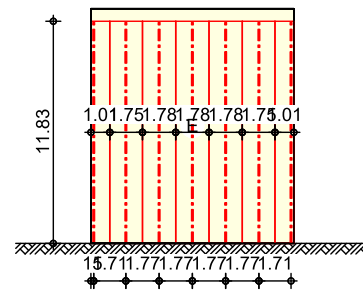


M 1:400

$\Theta = 180^\circ$



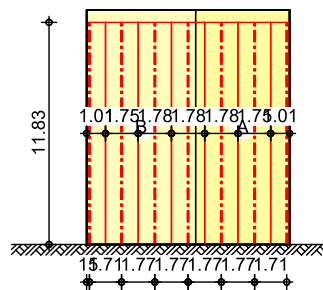
$\Theta = 270^\circ$



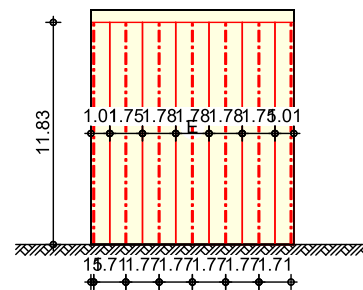
M 1:400

Giebel hinten

$\Theta = 0^\circ$

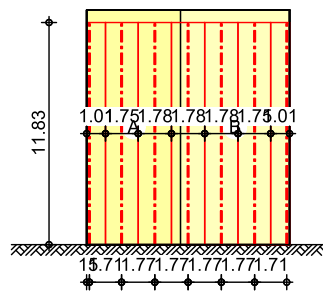


$\Theta = 90^\circ$

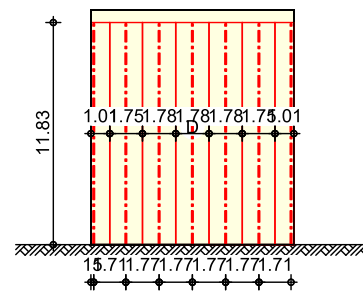


M 1:400

$\Theta = 180^\circ$



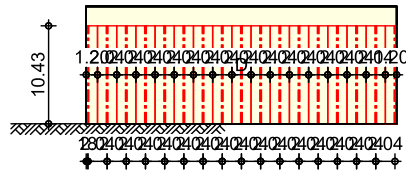
$\Theta = 270^\circ$



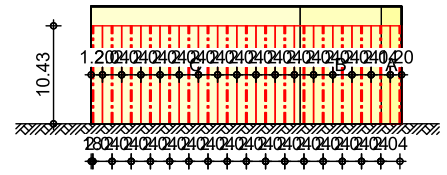
M 1:800

Traufe links

$\Theta = 0^\circ$

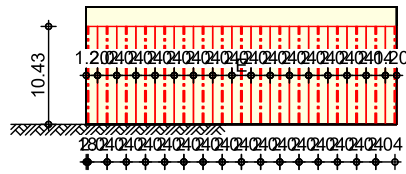


$\Theta = 90^\circ$

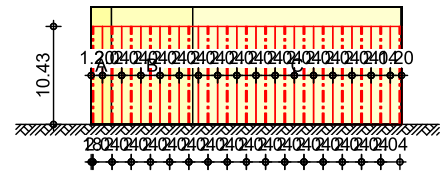


M 1:800

$\Theta = 180^\circ$



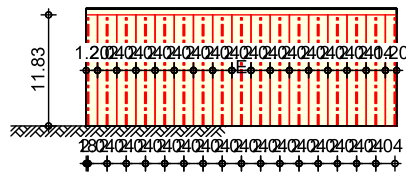
$\Theta = 270^\circ$



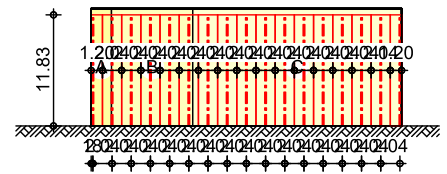
M 1:800

Traufe rechts

$\Theta = 0^\circ$

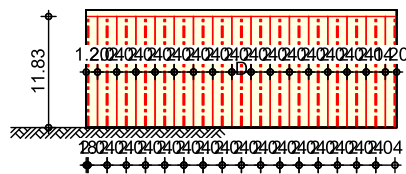


$\Theta = 90^\circ$

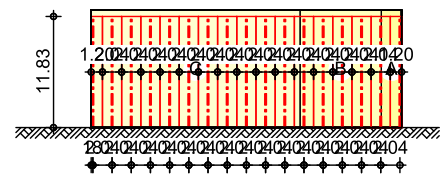


M 1:800

$\Theta = 180^\circ$



$\Theta = 270^\circ$



Giebel vorne
Bauteil GSS1

Bauteile in vorderer Giebelwand

x_A [m]	y_A [m]	l [m]	LB_{li} [m]	LB_{re} [m]	A [m ²]
0.15	0.00	11.83	0.15	0.86	12.07

Qk.W.000
Qk.W.090
Qk.W.180
Qk.W.270

Richt.	Bereich	y_A [m]	y_E [m]	$c_{pe,A+}$ [-]	$q+$ [kN/m]	$c_{pe,A-}$ [-]	$q-$ [kN/m]
⊥WF	A	0.00	11.83	-	-	-1.21	-0.98
⊥WF	D	0.00	11.83	0.72	0.58	-	-
⊥WF	B	0.00	11.83	-	-	-0.80	-0.65
⊥WF	E	0.00	11.83	-	-	-0.33	-0.27

Bauteil GSS2

x_A [m]	y_A [m]	l [m]	LB_{li} [m]	LB_{re} [m]	A [m ²]
1.86	0.00	11.83	0.86	0.89	20.91

	Richt.	Bereich	y _A [m]	y _E [m]	c _{pe,A+} [-]	q ⁺ [kN/m]	c _{pe,A-} [-]	q ⁻ [kN/m]
Qk.W.000	⊥WF	A	0.00	11.83	-	-	-1.21	-1.69
Qk.W.090	⊥WF	D	0.00	11.83	0.72	1.00	-	-
Qk.W.180	⊥WF	B	0.00	11.83	-	-	-0.80	-1.12
Qk.W.270	⊥WF	E	0.00	11.83	-	-	-0.33	-0.47
Bauteil GSS3								
		x _A [m]	y _A [m]	l [m]	LB _{li} [m]	LB _{re} [m]	A [m ²]	
		3.63	0.00	11.83	0.89	0.89	21.26	
	Richt.	Bereich	y _A [m]	y _E [m]	c _{pe,A+} [-]	q ⁺ [kN/m]	c _{pe,A-} [-]	q ⁻ [kN/m]
Qk.W.000	⊥WF	A	0.00	11.83	-	-	-1.21	-1.72
Qk.W.090	⊥WF	D	0.00	11.83	0.72	1.02	-	-
Qk.W.180	⊥WF	B	0.00	11.83	-	-	-0.80	-1.14
Qk.W.270	⊥WF	E	0.00	11.83	-	-	-0.33	-0.48
Bauteil GSS4								
		x _A [m]	y _A [m]	l [m]	LB _{li} [m]	LB _{re} [m]	A [m ²]	
		5.40	0.00	11.83	0.89	0.89	21.26	
	Richt.	Bereich	y _A [m]	y _E [m]	c _{pe,A+} [-]	q ⁺ [kN/m]	c _{pe,A-} [-]	q ⁻ [kN/m]
Qk.W.000	⊥WF	A	0.00	11.83	-	-	-1.21	-0.47
	⊥WF	B	0.00	11.83	-	-	-0.80	-0.83
Qk.W.090	⊥WF	D	0.00	11.83	0.72	1.02	-	-
Qk.W.180	⊥WF	A	0.00	11.83	-	-	-1.21	-0.47
	⊥WF	B	0.00	11.83	-	-	-0.80	-0.83
Qk.W.270	⊥WF	E	0.00	11.83	-	-	-0.33	-0.48
Bauteil GSS5								
		x _A [m]	y _A [m]	l [m]	LB _{li} [m]	LB _{re} [m]	A [m ²]	
		7.17	0.00	11.83	0.89	0.89	21.26	
	Richt.	Bereich	y _A [m]	y _E [m]	c _{pe,A+} [-]	q ⁺ [kN/m]	c _{pe,A-} [-]	q ⁻ [kN/m]
Qk.W.000	⊥WF	B	0.00	11.83	-	-	-0.80	-1.14
Qk.W.090	⊥WF	D	0.00	11.83	0.72	1.02	-	-
Qk.W.180	⊥WF	A	0.00	11.83	-	-	-1.21	-1.72
Qk.W.270	⊥WF	E	0.00	11.83	-	-	-0.33	-0.48
Bauteil GSS6								
		x _A [m]	y _A [m]	l [m]	LB _{li} [m]	LB _{re} [m]	A [m ²]	
		8.94	0.00	11.83	0.89	0.86	20.91	
	Richt.	Bereich	y _A [m]	y _E [m]	c _{pe,A+} [-]	q ⁺ [kN/m]	c _{pe,A-} [-]	q ⁻ [kN/m]
Qk.W.000	⊥WF	B	0.00	11.83	-	-	-0.80	-1.12
Qk.W.090	⊥WF	D	0.00	11.83	0.72	1.00	-	-
Qk.W.180	⊥WF	A	0.00	11.83	-	-	-1.21	-1.69
Qk.W.270	⊥WF	E	0.00	11.83	-	-	-0.33	-0.47

Bauteil GSS7

x_A [m]	y_A [m]	l [m]	LB_{li} [m]	LB_{re} [m]	A [m ²]
10.65	0.00	11.83	0.86	0.15	12.07

Qk.W.000

Richt.	Bereich	y_A [m]	y_E [m]	$c_{pe,A+}$ [-]	$q+$ [kN/m]	$c_{pe,A-}$ [-]	$q-$ [kN/m]
⊥WF	B	0.00	11.83	-	-	-0.80	-0.65

Qk.W.090

⊥WF	D	0.00	11.83	0.72	0.58	-	-
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Qk.W.180

⊥WF	A	0.00	11.83	-	-	-1.21	-0.98
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Qk.W.270

⊥WF	E	0.00	11.83	-	-	-0.33	-0.27
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Giebel hinten

Bauteil GNS1

Bauteile in hinterer Giebelwand

x_A [m]	y_A [m]	l [m]	LB_{li} [m]	LB_{re} [m]	A [m ²]
0.15	0.00	11.83	0.15	0.86	12.07

Qk.W.000

Richt.	Bereich	y_A [m]	y_E [m]	$c_{pe,A+}$ [-]	$q+$ [kN/m]	$c_{pe,A-}$ [-]	$q-$ [kN/m]
⊥WF	B	0.00	11.83	-	-	-0.80	-0.65

Qk.W.090

⊥WF	E	0.00	11.83	-	-	-0.33	-0.27
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Qk.W.180

⊥WF	A	0.00	11.83	-	-	-1.21	-0.98
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Qk.W.270

⊥WF	D	0.00	11.83	0.72	0.58	-	-
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Bauteil GNS2

x_A [m]	y_A [m]	l [m]	LB_{li} [m]	LB_{re} [m]	A [m ²]
1.86	0.00	11.83	0.86	0.89	20.91

Qk.W.000

Richt.	Bereich	y_A [m]	y_E [m]	$c_{pe,A+}$ [-]	$q+$ [kN/m]	$c_{pe,A-}$ [-]	$q-$ [kN/m]
⊥WF	B	0.00	11.83	-	-	-0.80	-1.12

Qk.W.090

⊥WF	E	0.00	11.83	-	-	-0.33	-0.47
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Qk.W.180

⊥WF	A	0.00	11.83	-	-	-1.21	-1.69
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Qk.W.270

⊥WF	D	0.00	11.83	0.72	1.00	-	-
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Bauteil GNS3

x_A [m]	y_A [m]	l [m]	LB_{li} [m]	LB_{re} [m]	A [m ²]
3.63	0.00	11.83	0.89	0.89	21.26

Qk.W.000

Richt.	Bereich	y_A [m]	y_E [m]	$c_{pe,A+}$ [-]	$q+$ [kN/m]	$c_{pe,A-}$ [-]	$q-$ [kN/m]
⊥WF	B	0.00	11.83	-	-	-0.80	-1.14

Qk.W.090

⊥WF	E	0.00	11.83	-	-	-0.33	-0.48
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Qk.W.180

⊥WF	A	0.00	11.83	-	-	-1.21	-1.72
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Qk.W.270

⊥WF	D	0.00	11.83	0.72	1.02	-	-
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Bauteil GNS4

x_A [m]	y_A [m]	l [m]	LB_{li} [m]	LB_{re} [m]	A [m ²]
5.40	0.00	11.83	0.89	0.89	21.26

Qk.W.000

Richt.	Bereich	y_A [m]	y_E [m]	$c_{pe,A+}$ [-]	$q+$ [kN/m]	$c_{pe,A-}$ [-]	$q-$ [kN/m]
⊥WF	A	0.00	11.83	-	-	-1.21	-0.47

	Richt.	Bereich	y _A [m]	y _E [m]	c _{pe,A+} [-]	q ⁺ [kN/m]	c _{pe,A-} [-]	q ⁻ [kN/m]
Qk.W.090	⊥WF	B	0.00	11.83	-	-	-0.80	-0.83
	⊥WF	E	0.00	11.83	-	-	-0.33	-0.48
	⊥WF	A	0.00	11.83	-	-	-1.21	-0.47
	⊥WF	B	0.00	11.83	-	-	-0.80	-0.83
Qk.W.270	⊥WF	D	0.00	11.83	0.72	1.02	-	-
Bauteil GNS5								
	x _A [m]	y _A [m]	l [m]	LB _{li} [m]	LB _{re} [m]	A [m ²]		
	7.17	0.00	11.83	0.89	0.89	21.26		
	Richt.	Bereich	y _A [m]	y _E [m]	c _{pe,A+} [-]	q ⁺ [kN/m]	c _{pe,A-} [-]	q ⁻ [kN/m]
Qk.W.000	⊥WF	A	0.00	11.83	-	-	-1.21	-1.72
Qk.W.090	⊥WF	E	0.00	11.83	-	-	-0.33	-0.48
Qk.W.180	⊥WF	B	0.00	11.83	-	-	-0.80	-1.14
Qk.W.270	⊥WF	D	0.00	11.83	0.72	1.02	-	-
Bauteil GNS6								
	x _A [m]	y _A [m]	l [m]	LB _{li} [m]	LB _{re} [m]	A [m ²]		
	8.94	0.00	11.83	0.89	0.86	20.91		
	Richt.	Bereich	y _A [m]	y _E [m]	c _{pe,A+} [-]	q ⁺ [kN/m]	c _{pe,A-} [-]	q ⁻ [kN/m]
Qk.W.000	⊥WF	A	0.00	11.83	-	-	-1.21	-1.69
Qk.W.090	⊥WF	E	0.00	11.83	-	-	-0.33	-0.47
Qk.W.180	⊥WF	B	0.00	11.83	-	-	-0.80	-1.12
Qk.W.270	⊥WF	D	0.00	11.83	0.72	1.00	-	-
Bauteil GNS7								
	x _A [m]	y _A [m]	l [m]	LB _{li} [m]	LB _{re} [m]	A [m ²]		
	10.65	0.00	11.83	0.86	0.15	12.07		
	Richt.	Bereich	y _A [m]	y _E [m]	c _{pe,A+} [-]	q ⁺ [kN/m]	c _{pe,A-} [-]	q ⁻ [kN/m]
Qk.W.000	⊥WF	A	0.00	11.83	-	-	-1.21	-0.98
Qk.W.090	⊥WF	E	0.00	11.83	-	-	-0.33	-0.27
Qk.W.180	⊥WF	B	0.00	11.83	-	-	-0.80	-0.65
Qk.W.270	⊥WF	D	0.00	11.83	0.72	0.58	-	-
Traufe links								
Bauteile in linker Traufwand								
	x _A [m]	y _A [m]	l [m]	LB _{li} [m]	LB _{re} [m]	A [m ²]		
	0.18	0.00	10.43	0.18	1.02	12.64		
	Richt.	Bereich	y _A [m]	y _E [m]	c _{pe,A+} [-]	q ⁺ [kN/m]	c _{pe,A-} [-]	q ⁻ [kN/m]
Qk.W.000	⊥WF	D	0.00	10.43	0.80	0.77	-	-
Qk.W.090	⊥WF	C	0.00	10.43	-	-	-0.50	-0.48
Qk.W.180	⊥WF	E	0.00	10.43	-	-	-0.50	-0.48
Qk.W.270	⊥WF	A	0.00	10.43	-	-	-1.20	-1.15

Bauteil R2S1

x_A [m]	y_A [m]	l [m]	LB_{li} [m]	LB_{re} [m]	A [m ²]
2.22	0.00	10.43	1.02	1.02	21.49

	Richt.	Bereich	y_A [m]	y_E [m]	$c_{pe,A+}$ [-]	$q+$ [kN/m]	$c_{pe,A-}$ [-]	$q-$ [kN/m]
Qk.W.000	⊥WF	D	0.00	10.43	0.80	1.31	-	-
Qk.W.090	⊥WF	C	0.00	10.43	-	-	-0.50	-0.82
Qk.W.180	⊥WF	E	0.00	10.43	-	-	-0.50	-0.82
Qk.W.270	⊥WF	A	0.00	10.43	-	-	-1.20	-0.92
	⊥WF	B	0.00	10.43	-	-	-0.80	-0.69

Bauteil R3S1

x_A [m]	y_A [m]	l [m]	LB_{li} [m]	LB_{re} [m]	A [m ²]
4.26	0.00	10.43	1.02	1.02	21.49

	Richt.	Bereich	y_A [m]	y_E [m]	$c_{pe,A+}$ [-]	$q+$ [kN/m]	$c_{pe,A-}$ [-]	$q-$ [kN/m]
Qk.W.000	⊥WF	D	0.00	10.43	0.80	1.31	-	-
Qk.W.090	⊥WF	C	0.00	10.43	-	-	-0.50	-0.82
Qk.W.180	⊥WF	E	0.00	10.43	-	-	-0.50	-0.82
Qk.W.270	⊥WF	B	0.00	10.43	-	-	-0.80	-1.31

Bauteil R4S1

x_A [m]	y_A [m]	l [m]	LB_{li} [m]	LB_{re} [m]	A [m ²]
6.30	0.00	10.43	1.02	1.02	21.49

	Richt.	Bereich	y_A [m]	y_E [m]	$c_{pe,A+}$ [-]	$q+$ [kN/m]	$c_{pe,A-}$ [-]	$q-$ [kN/m]
Qk.W.000	⊥WF	D	0.00	10.43	0.80	1.31	-	-
Qk.W.090	⊥WF	C	0.00	10.43	-	-	-0.50	-0.82
Qk.W.180	⊥WF	E	0.00	10.43	-	-	-0.50	-0.82
Qk.W.270	⊥WF	B	0.00	10.43	-	-	-0.80	-1.31

Bauteil R5S1

x_A [m]	y_A [m]	l [m]	LB_{li} [m]	LB_{re} [m]	A [m ²]
8.34	0.00	10.43	1.02	1.02	21.49

	Richt.	Bereich	y_A [m]	y_E [m]	$c_{pe,A+}$ [-]	$q+$ [kN/m]	$c_{pe,A-}$ [-]	$q-$ [kN/m]
Qk.W.000	⊥WF	D	0.00	10.43	0.80	1.31	-	-
Qk.W.090	⊥WF	C	0.00	10.43	-	-	-0.50	-0.82
Qk.W.180	⊥WF	E	0.00	10.43	-	-	-0.50	-0.82
Qk.W.270	⊥WF	B	0.00	10.43	-	-	-0.80	-1.31

Bauteil R6S1

x_A [m]	y_A [m]	l [m]	LB_{li} [m]	LB_{re} [m]	A [m ²]
10.38	0.00	10.43	1.02	1.02	21.49

	Richt.	Bereich	y_A [m]	y_E [m]	$c_{pe,A+}$ [-]	$q+$ [kN/m]	$c_{pe,A-}$ [-]	$q-$ [kN/m]
Qk.W.000	⊥WF	D	0.00	10.43	0.80	1.31	-	-

	Richt.	Bereich	y _A [m]	y _E [m]	c _{pe,A+} [-]	q ⁺ [kN/m]	c _{pe,A-} [-]	q ⁻ [kN/m]
Qk.W.090	⊥WF	C	0.00	10.43	-	-	-0.50	-0.82
Qk.W.180	⊥WF	E	0.00	10.43	-	-	-0.50	-0.82
Qk.W.270	⊥WF	B	0.00	10.43	-	-	-0.80	-0.92
	⊥WF	C	0.00	10.43	-	-	-0.50	-0.24
Bauteil R7S1								
	x _A [m]	y _A [m]	l [m]	LB _{li} [m]	LB _{re} [m]	A [m ²]		
	12.42	0.00	10.43	1.02	1.02	21.49		
	Richt.	Bereich	y _A [m]	y _E [m]	c _{pe,A+} [-]	q ⁺ [kN/m]	c _{pe,A-} [-]	q ⁻ [kN/m]
Qk.W.000	⊥WF	D	0.00	10.43	0.80	1.31	-	-
Qk.W.090	⊥WF	C	0.00	10.43	-	-	-0.50	-0.82
Qk.W.180	⊥WF	E	0.00	10.43	-	-	-0.50	-0.82
Qk.W.270	⊥WF	C	0.00	10.43	-	-	-0.50	-0.82
Bauteil R8S1								
	x _A [m]	y _A [m]	l [m]	LB _{li} [m]	LB _{re} [m]	A [m ²]		
	14.46	0.00	10.43	1.02	1.02	21.49		
	Richt.	Bereich	y _A [m]	y _E [m]	c _{pe,A+} [-]	q ⁺ [kN/m]	c _{pe,A-} [-]	q ⁻ [kN/m]
Qk.W.000	⊥WF	D	0.00	10.43	0.80	1.31	-	-
Qk.W.090	⊥WF	C	0.00	10.43	-	-	-0.50	-0.82
Qk.W.180	⊥WF	E	0.00	10.43	-	-	-0.50	-0.82
Qk.W.270	⊥WF	C	0.00	10.43	-	-	-0.50	-0.82
Bauteil R9S1								
	x _A [m]	y _A [m]	l [m]	LB _{li} [m]	LB _{re} [m]	A [m ²]		
	16.50	0.00	10.43	1.02	1.02	21.49		
	Richt.	Bereich	y _A [m]	y _E [m]	c _{pe,A+} [-]	q ⁺ [kN/m]	c _{pe,A-} [-]	q ⁻ [kN/m]
Qk.W.000	⊥WF	D	0.00	10.43	0.80	1.31	-	-
Qk.W.090	⊥WF	C	0.00	10.43	-	-	-0.50	-0.82
Qk.W.180	⊥WF	E	0.00	10.43	-	-	-0.50	-0.82
Qk.W.270	⊥WF	C	0.00	10.43	-	-	-0.50	-0.82
Bauteil R10S1								
	x _A [m]	y _A [m]	l [m]	LB _{li} [m]	LB _{re} [m]	A [m ²]		
	18.54	0.00	10.43	1.02	1.02	21.49		
	Richt.	Bereich	y _A [m]	y _E [m]	c _{pe,A+} [-]	q ⁺ [kN/m]	c _{pe,A-} [-]	q ⁻ [kN/m]
Qk.W.000	⊥WF	D	0.00	10.43	0.80	1.31	-	-
Qk.W.090	⊥WF	C	0.00	10.43	-	-	-0.50	-0.82
Qk.W.180	⊥WF	E	0.00	10.43	-	-	-0.50	-0.82
Qk.W.270	⊥WF	C	0.00	10.43	-	-	-0.50	-0.82

Bauteil R11S1

x_A [m]	y_A [m]	l [m]	LB_{li} [m]	LB_{re} [m]	A [m ²]
20.58	0.00	10.43	1.02	1.02	21.49

	Richt.	Bereich	y_A [m]	y_E [m]	$c_{pe,A+}$ [-]	$q+$ [kN/m]	$c_{pe,A-}$ [-]	$q-$ [kN/m]
Qk.W.000	⊥WF	D	0.00	10.43	0.80	1.31	-	-
Qk.W.090	⊥WF	C	0.00	10.43	-	-	-0.50	-0.82
Qk.W.180	⊥WF	E	0.00	10.43	-	-	-0.50	-0.82
Qk.W.270	⊥WF	C	0.00	10.43	-	-	-0.50	-0.82

Bauteil R12S1

x_A [m]	y_A [m]	l [m]	LB_{li} [m]	LB_{re} [m]	A [m ²]
22.62	0.00	10.43	1.02	1.02	21.49

	Richt.	Bereich	y_A [m]	y_E [m]	$c_{pe,A+}$ [-]	$q+$ [kN/m]	$c_{pe,A-}$ [-]	$q-$ [kN/m]
Qk.W.000	⊥WF	D	0.00	10.43	0.80	1.31	-	-
Qk.W.090	⊥WF	B	0.00	10.43	-	-	-0.80	-0.92
	⊥WF	C	0.00	10.43	-	-	-0.50	-0.24
Qk.W.180	⊥WF	E	0.00	10.43	-	-	-0.50	-0.82
Qk.W.270	⊥WF	C	0.00	10.43	-	-	-0.50	-0.82

Bauteil R13S1

x_A [m]	y_A [m]	l [m]	LB_{li} [m]	LB_{re} [m]	A [m ²]
24.66	0.00	10.43	1.02	1.02	21.49

	Richt.	Bereich	y_A [m]	y_E [m]	$c_{pe,A+}$ [-]	$q+$ [kN/m]	$c_{pe,A-}$ [-]	$q-$ [kN/m]
Qk.W.000	⊥WF	D	0.00	10.43	0.80	1.31	-	-
Qk.W.090	⊥WF	B	0.00	10.43	-	-	-0.80	-1.31
Qk.W.180	⊥WF	E	0.00	10.43	-	-	-0.50	-0.82
Qk.W.270	⊥WF	C	0.00	10.43	-	-	-0.50	-0.82

Bauteil R14S1

x_A [m]	y_A [m]	l [m]	LB_{li} [m]	LB_{re} [m]	A [m ²]
26.70	0.00	10.43	1.02	1.02	21.49

	Richt.	Bereich	y_A [m]	y_E [m]	$c_{pe,A+}$ [-]	$q+$ [kN/m]	$c_{pe,A-}$ [-]	$q-$ [kN/m]
Qk.W.000	⊥WF	D	0.00	10.43	0.80	1.31	-	-
Qk.W.090	⊥WF	B	0.00	10.43	-	-	-0.80	-1.31
Qk.W.180	⊥WF	E	0.00	10.43	-	-	-0.50	-0.82
Qk.W.270	⊥WF	C	0.00	10.43	-	-	-0.50	-0.82

Bauteil R15S1

x_A [m]	y_A [m]	l [m]	LB_{li} [m]	LB_{re} [m]	A [m ²]
28.74	0.00	10.43	1.02	1.02	21.49

	Richt.	Bereich	y_A [m]	y_E [m]	$c_{pe,A+}$ [-]	$q+$ [kN/m]	$c_{pe,A-}$ [-]	$q-$ [kN/m]
Qk.W.000	⊥WF	D	0.00	10.43	0.80	1.31	-	-

	Richt.	Bereich	y _A [m]	y _E [m]	c _{pe,A+} [-]	q ⁺ [kN/m]	c _{pe,A-} [-]	q ⁻ [kN/m]
Qk.W.090	⊥WF	B	0.00	10.43	-	-	-0.80	-1.31
Qk.W.180	⊥WF	E	0.00	10.43	-	-	-0.50	-0.82
Qk.W.270	⊥WF	C	0.00	10.43	-	-	-0.50	-0.82
Bauteil R16S1								
		x _A [m]	y _A [m]	l [m]	LB _{li} [m]	LB _{re} [m]	A [m ²]	
		30.78	0.00	10.43	1.02	1.02	21.49	
	Richt.	Bereich	y _A [m]	y _E [m]	c _{pe,A+} [-]	q ⁺ [kN/m]	c _{pe,A-} [-]	q ⁻ [kN/m]
Qk.W.000	⊥WF	D	0.00	10.43	0.80	1.31	-	-
Qk.W.090	⊥WF	A	0.00	10.43	-	-	-1.20	-0.92
	⊥WF	B	0.00	10.43	-	-	-0.80	-0.69
Qk.W.180	⊥WF	E	0.00	10.43	-	-	-0.50	-0.82
Qk.W.270	⊥WF	C	0.00	10.43	-	-	-0.50	-0.82
Bauteil R17S1								
		x _A [m]	y _A [m]	l [m]	LB _{li} [m]	LB _{re} [m]	A [m ²]	
		32.82	0.00	10.43	1.02	0.18	12.64	
	Richt.	Bereich	y _A [m]	y _E [m]	c _{pe,A+} [-]	q ⁺ [kN/m]	c _{pe,A-} [-]	q ⁻ [kN/m]
Qk.W.000	⊥WF	D	0.00	10.43	0.80	0.77	-	-
Qk.W.090	⊥WF	A	0.00	10.43	-	-	-1.20	-1.15
Qk.W.180	⊥WF	E	0.00	10.43	-	-	-0.50	-0.48
Qk.W.270	⊥WF	C	0.00	10.43	-	-	-0.50	-0.48
Traufe rechts								
Bauteile in rechter Traufwand								
Bauteil R17S2								
		x _A [m]	y _A [m]	l [m]	LB _{li} [m]	LB _{re} [m]	A [m ²]	
		0.18	0.00	11.83	0.18	1.02	14.34	
	Richt.	Bereich	y _A [m]	y _E [m]	c _{pe,A+} [-]	q ⁺ [kN/m]	c _{pe,A-} [-]	q ⁻ [kN/m]
Qk.W.000	⊥WF	E	0.00	11.83	-	-	-0.50	-0.48
Qk.W.090	⊥WF	A	0.00	11.83	-	-	-1.20	-1.15
Qk.W.180	⊥WF	D	0.00	11.83	0.80	0.77	-	-
Qk.W.270	⊥WF	C	0.00	11.83	-	-	-0.50	-0.48
Bauteil R16S2								
		x _A [m]	y _A [m]	l [m]	LB _{li} [m]	LB _{re} [m]	A [m ²]	
		2.22	0.00	11.83	1.02	1.02	24.37	
	Richt.	Bereich	y _A [m]	y _E [m]	c _{pe,A+} [-]	q ⁺ [kN/m]	c _{pe,A-} [-]	q ⁻ [kN/m]
Qk.W.000	⊥WF	E	0.00	11.83	-	-	-0.50	-0.82
Qk.W.090	⊥WF	A	0.00	11.83	-	-	-1.20	-0.92
	⊥WF	B	0.00	11.83	-	-	-0.80	-0.69
Qk.W.180	⊥WF	D	0.00	11.83	0.80	1.31	-	-
Qk.W.270	⊥WF	C	0.00	11.83	-	-	-0.50	-0.82

Bauteil R15S2

x_A [m]	y_A [m]	l [m]	LB_{li} [m]	LB_{re} [m]	A [m ²]
4.26	0.00	11.83	1.02	1.02	24.37

	Richt.	Bereich	y_A [m]	y_E [m]	$c_{pe,A+}$ [-]	$q+$ [kN/m]	$c_{pe,A-}$ [-]	$q-$ [kN/m]
Qk.W.000	⊥WF	E	0.00	11.83	-	-	-0.50	-0.82
Qk.W.090	⊥WF	B	0.00	11.83	-	-	-0.80	-1.31
Qk.W.180	⊥WF	D	0.00	11.83	0.80	1.31	-	-
Qk.W.270	⊥WF	C	0.00	11.83	-	-	-0.50	-0.82

Bauteil R14S2

x_A [m]	y_A [m]	l [m]	LB_{li} [m]	LB_{re} [m]	A [m ²]
6.30	0.00	11.83	1.02	1.02	24.37

	Richt.	Bereich	y_A [m]	y_E [m]	$c_{pe,A+}$ [-]	$q+$ [kN/m]	$c_{pe,A-}$ [-]	$q-$ [kN/m]
Qk.W.000	⊥WF	E	0.00	11.83	-	-	-0.50	-0.82
Qk.W.090	⊥WF	B	0.00	11.83	-	-	-0.80	-1.31
Qk.W.180	⊥WF	D	0.00	11.83	0.80	1.31	-	-
Qk.W.270	⊥WF	C	0.00	11.83	-	-	-0.50	-0.82

Bauteil R13S2

x_A [m]	y_A [m]	l [m]	LB_{li} [m]	LB_{re} [m]	A [m ²]
8.34	0.00	11.83	1.02	1.02	24.37

	Richt.	Bereich	y_A [m]	y_E [m]	$c_{pe,A+}$ [-]	$q+$ [kN/m]	$c_{pe,A-}$ [-]	$q-$ [kN/m]
Qk.W.000	⊥WF	E	0.00	11.83	-	-	-0.50	-0.82
Qk.W.090	⊥WF	B	0.00	11.83	-	-	-0.80	-1.31
Qk.W.180	⊥WF	D	0.00	11.83	0.80	1.31	-	-
Qk.W.270	⊥WF	C	0.00	11.83	-	-	-0.50	-0.82

Bauteil R12S2

x_A [m]	y_A [m]	l [m]	LB_{li} [m]	LB_{re} [m]	A [m ²]
10.38	0.00	11.83	1.02	1.02	24.37

	Richt.	Bereich	y_A [m]	y_E [m]	$c_{pe,A+}$ [-]	$q+$ [kN/m]	$c_{pe,A-}$ [-]	$q-$ [kN/m]
Qk.W.000	⊥WF	E	0.00	11.83	-	-	-0.50	-0.82
Qk.W.090	⊥WF	B	0.00	11.83	-	-	-0.80	-0.92
	⊥WF	C	0.00	11.83	-	-	-0.50	-0.24
Qk.W.180	⊥WF	D	0.00	11.83	0.80	1.31	-	-
Qk.W.270	⊥WF	C	0.00	11.83	-	-	-0.50	-0.82

Bauteil R11S2

x_A [m]	y_A [m]	l [m]	LB_{li} [m]	LB_{re} [m]	A [m ²]
12.42	0.00	11.83	1.02	1.02	24.37

	Richt.	Bereich	y_A [m]	y_E [m]	$c_{pe,A+}$ [-]	$q+$ [kN/m]	$c_{pe,A-}$ [-]	$q-$ [kN/m]
Qk.W.000	⊥WF	E	0.00	11.83	-	-	-0.50	-0.82

	Richt.	Bereich	y _A [m]	y _E [m]	c _{pe,A+} [-]	q ⁺ [kN/m]	c _{pe,A-} [-]	q ⁻ [kN/m]
Qk.W.090	⊥WF	C	0.00	11.83	-	-	-0.50	-0.82
Qk.W.180	⊥WF	D	0.00	11.83	0.80	1.31	-	-
Qk.W.270	⊥WF	C	0.00	11.83	-	-	-0.50	-0.82
Bauteil R10S2								
		x _A [m]	y _A [m]	l [m]	LB _{li} [m]	LB _{re} [m]	A [m ²]	
		14.46	0.00	11.83	1.02	1.02	24.37	
	Richt.	Bereich	y _A [m]	y _E [m]	c _{pe,A+} [-]	q ⁺ [kN/m]	c _{pe,A-} [-]	q ⁻ [kN/m]
Qk.W.000	⊥WF	E	0.00	11.83	-	-	-0.50	-0.82
Qk.W.090	⊥WF	C	0.00	11.83	-	-	-0.50	-0.82
Qk.W.180	⊥WF	D	0.00	11.83	0.80	1.31	-	-
Qk.W.270	⊥WF	C	0.00	11.83	-	-	-0.50	-0.82
Bauteil R9S2								
		x _A [m]	y _A [m]	l [m]	LB _{li} [m]	LB _{re} [m]	A [m ²]	
		16.50	0.00	11.83	1.02	1.02	24.37	
	Richt.	Bereich	y _A [m]	y _E [m]	c _{pe,A+} [-]	q ⁺ [kN/m]	c _{pe,A-} [-]	q ⁻ [kN/m]
Qk.W.000	⊥WF	E	0.00	11.83	-	-	-0.50	-0.82
Qk.W.090	⊥WF	C	0.00	11.83	-	-	-0.50	-0.82
Qk.W.180	⊥WF	D	0.00	11.83	0.80	1.31	-	-
Qk.W.270	⊥WF	C	0.00	11.83	-	-	-0.50	-0.82
Bauteil R8S2								
		x _A [m]	y _A [m]	l [m]	LB _{li} [m]	LB _{re} [m]	A [m ²]	
		18.54	0.00	11.83	1.02	1.02	24.37	
	Richt.	Bereich	y _A [m]	y _E [m]	c _{pe,A+} [-]	q ⁺ [kN/m]	c _{pe,A-} [-]	q ⁻ [kN/m]
Qk.W.000	⊥WF	E	0.00	11.83	-	-	-0.50	-0.82
Qk.W.090	⊥WF	C	0.00	11.83	-	-	-0.50	-0.82
Qk.W.180	⊥WF	D	0.00	11.83	0.80	1.31	-	-
Qk.W.270	⊥WF	C	0.00	11.83	-	-	-0.50	-0.82
Bauteil R7S2								
		x _A [m]	y _A [m]	l [m]	LB _{li} [m]	LB _{re} [m]	A [m ²]	
		20.58	0.00	11.83	1.02	1.02	24.37	
	Richt.	Bereich	y _A [m]	y _E [m]	c _{pe,A+} [-]	q ⁺ [kN/m]	c _{pe,A-} [-]	q ⁻ [kN/m]
Qk.W.000	⊥WF	E	0.00	11.83	-	-	-0.50	-0.82
Qk.W.090	⊥WF	C	0.00	11.83	-	-	-0.50	-0.82
Qk.W.180	⊥WF	D	0.00	11.83	0.80	1.31	-	-
Qk.W.270	⊥WF	C	0.00	11.83	-	-	-0.50	-0.82

Bauteil R6S2

x_A [m]	y_A [m]	l [m]	LB_{li} [m]	LB_{re} [m]	A [m ²]
22.62	0.00	11.83	1.02	1.02	24.37

	Richt.	Bereich	y_A [m]	y_E [m]	$c_{pe,A+}$ [-]	$q+$ [kN/m]	$c_{pe,A-}$ [-]	$q-$ [kN/m]
Qk.W.000	⊥WF	E	0.00	11.83	-	-	-0.50	-0.82
Qk.W.090	⊥WF	C	0.00	11.83	-	-	-0.50	-0.82
Qk.W.180	⊥WF	D	0.00	11.83	0.80	1.31	-	-
Qk.W.270	⊥WF	B	0.00	11.83	-	-	-0.80	-0.92
	⊥WF	C	0.00	11.83	-	-	-0.50	-0.24

Bauteil R5S2

x_A [m]	y_A [m]	l [m]	LB_{li} [m]	LB_{re} [m]	A [m ²]
24.66	0.00	11.83	1.02	1.02	24.37

	Richt.	Bereich	y_A [m]	y_E [m]	$c_{pe,A+}$ [-]	$q+$ [kN/m]	$c_{pe,A-}$ [-]	$q-$ [kN/m]
Qk.W.000	⊥WF	E	0.00	11.83	-	-	-0.50	-0.82
Qk.W.090	⊥WF	C	0.00	11.83	-	-	-0.50	-0.82
Qk.W.180	⊥WF	D	0.00	11.83	0.80	1.31	-	-
Qk.W.270	⊥WF	B	0.00	11.83	-	-	-0.80	-1.31

Bauteil R4S2

x_A [m]	y_A [m]	l [m]	LB_{li} [m]	LB_{re} [m]	A [m ²]
26.70	0.00	11.83	1.02	1.02	24.37

	Richt.	Bereich	y_A [m]	y_E [m]	$c_{pe,A+}$ [-]	$q+$ [kN/m]	$c_{pe,A-}$ [-]	$q-$ [kN/m]
Qk.W.000	⊥WF	E	0.00	11.83	-	-	-0.50	-0.82
Qk.W.090	⊥WF	C	0.00	11.83	-	-	-0.50	-0.82
Qk.W.180	⊥WF	D	0.00	11.83	0.80	1.31	-	-
Qk.W.270	⊥WF	B	0.00	11.83	-	-	-0.80	-1.31

Bauteil R3S2

x_A [m]	y_A [m]	l [m]	LB_{li} [m]	LB_{re} [m]	A [m ²]
28.74	0.00	11.83	1.02	1.02	24.37

	Richt.	Bereich	y_A [m]	y_E [m]	$c_{pe,A+}$ [-]	$q+$ [kN/m]	$c_{pe,A-}$ [-]	$q-$ [kN/m]
Qk.W.000	⊥WF	E	0.00	11.83	-	-	-0.50	-0.82
Qk.W.090	⊥WF	C	0.00	11.83	-	-	-0.50	-0.82
Qk.W.180	⊥WF	D	0.00	11.83	0.80	1.31	-	-
Qk.W.270	⊥WF	B	0.00	11.83	-	-	-0.80	-1.31

Bauteil R2S2

x_A [m]	y_A [m]	l [m]	LB_{li} [m]	LB_{re} [m]	A [m ²]
30.78	0.00	11.83	1.02	1.02	24.37

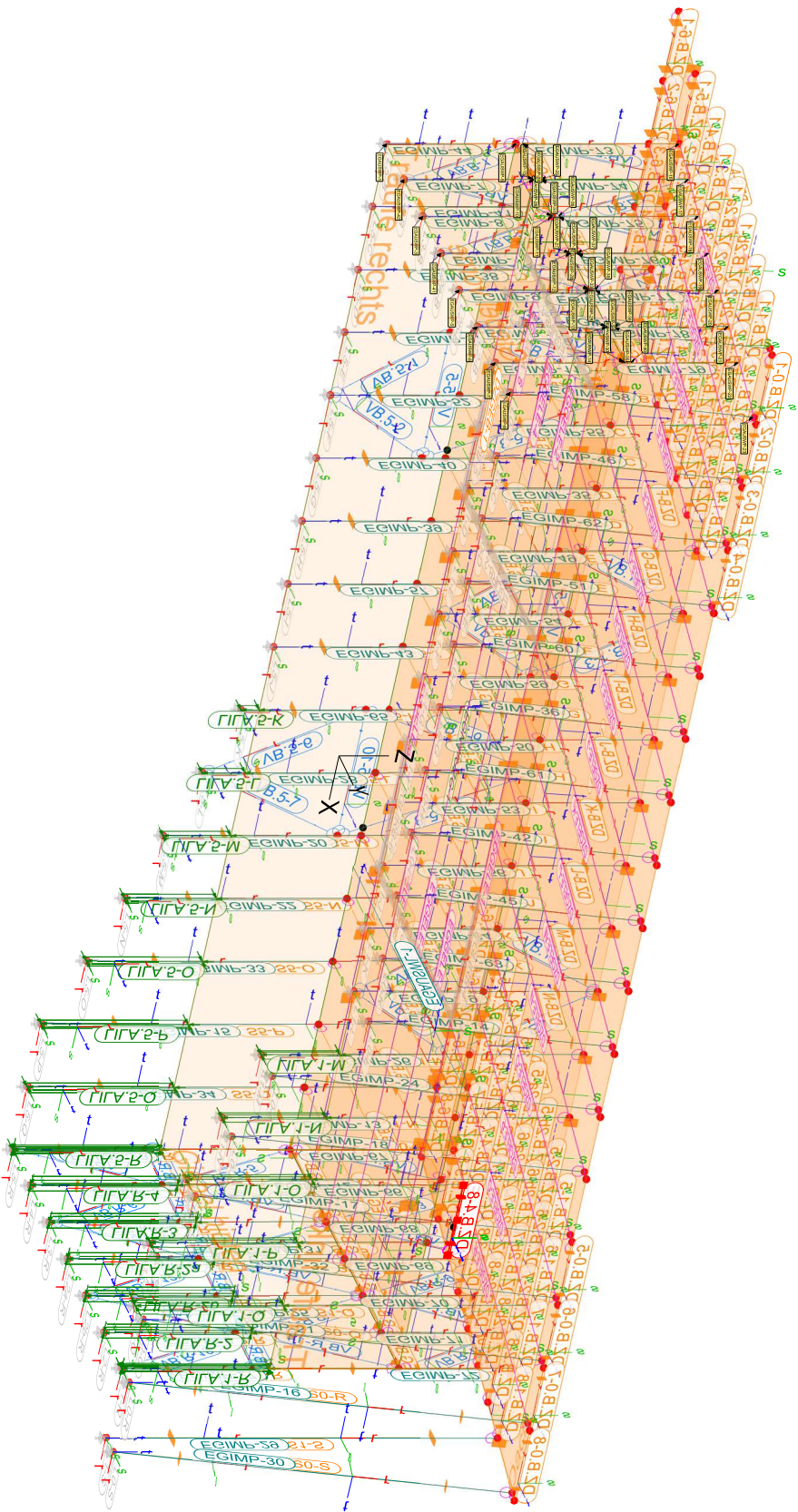
	Richt.	Bereich	y_A [m]	y_E [m]	$c_{pe,A+}$ [-]	$q+$ [kN/m]	$c_{pe,A-}$ [-]	$q-$ [kN/m]
Qk.W.000	⊥WF	E	0.00	11.83	-	-	-0.50	-0.82

	Richt.	Bereich	y _A [m]	y _E [m]	c _{pe,A+} [-]	q ⁺ [kN/m]	c _{pe,A-} [-]	q ⁻ [kN/m]
Qk.W.090	⊥WF	C	0.00	11.83	-	-	-0.50	-0.82
Qk.W.180	⊥WF	D	0.00	11.83	0.80	1.31	-	-
Qk.W.270	⊥WF	A	0.00	11.83	-	-	-1.20	-0.92
	⊥WF	B	0.00	11.83	-	-	-0.80	-0.69

Bauteil R1S2	x _A [m]	y _A [m]	l [m]	LB _{li} [m]	LB _{re} [m]	A [m ²]
	32.82	0.00	11.83	1.02	0.18	14.34

	Richt.	Bereich	y _A [m]	y _E [m]	c _{pe,A+} [-]	q ⁺ [kN/m]	c _{pe,A-} [-]	q ⁻ [kN/m]
Qk.W.000	⊥WF	E	0.00	11.83	-	-	-0.50	-0.48
Qk.W.090	⊥WF	C	0.00	11.83	-	-	-0.50	-0.48
Qk.W.180	⊥WF	D	0.00	11.83	0.80	0.77	-	-
Qk.W.270	⊥WF	A	0.00	11.83	-	-	-1.20	-1.15

Pos. FEA-1 Visualisierung Stabwerksmodell der Holzkonstruktion



Pos. Di Dischinger-Test des Stabwerksmodells der Holzkonstruktion**Dischingertest**

Systemknicksicherheiten der Lastkombinationen

nach erweiterter Stabtheorie, mit Berücksichtigung der stabilisierenden Wirkung von zugbeanspruchten Elementen.

Hinweis:

Lkn = Lastkombinationsnummer

Nue = Systemknicksicherheiten (1., 2. Eigenwert usw.)

Lkn	1	2	3	4	5
Nue 1	5.09	9.12	8.28	5.25	5.08
Nue 2	8.22	9.25	8.59	8.41	8.22
Nue 3	9.46	9.79	8.80	8.47	9.46
Nue 4	9.53	9.96	8.98	9.13	9.53
Nue 5	10.12	10.25	9.90	9.83	10.11
Nue 6	10.28	10.46	10.60	10.32	10.25
Lkn	6	7	8	9	10
Nue 1	8.28	5.25	4.48	5.99	7.76
Nue 2	8.80	8.41	7.85	12.08	12.64
Nue 3	8.98	8.47	8.96	12.27	17.05
Nue 4	9.90	9.13	9.27	12.82	18.75
Nue 5	9.94	9.83	9.65	14.07	19.36
Nue 6	10.01	10.33	9.98	14.34	20.04
Lkn	11	12	13	14	15
Nue 1	6.03	11.03	7.76	7.76	15.90
Nue 2	12.12	11.62	12.64	12.64	16.43
Nue 3	12.31	12.07	17.05	17.05	17.81
Nue 4	12.86	12.39	18.71	18.75	18.25
Nue 5	14.13	13.43	19.41	19.37	18.34
Nue 6	14.39	15.06	20.05	20.04	19.24
Lkn	16	17	18	19	20
Nue 1	6.22	3.79	7.14	3.79	4.33
Nue 2	7.62	7.32	7.71	7.33	7.72
Nue 3	7.87	8.30	7.94	8.34	7.81
Nue 4	8.42	8.87	8.35	8.70	8.47
Nue 5	8.58	9.01	8.46	8.88	9.41
Nue 6	8.99	9.21	9.34	8.91	9.71
Lkn	21	22	23	24	25
Nue 1	7.14	4.22	4.33	4.21	9.94
Nue 2	7.71	7.64	7.72	7.65	10.38
Nue 3	8.15	8.71	7.81	8.72	10.97
Nue 4	8.35	9.10	8.47	9.13	11.44
Nue 5	8.46	9.43	9.41	9.48	11.62
Nue 6	9.34	9.69	9.70	9.76	12.49
Lkn	26	27	28	29	30
Nue 1	5.90	14.36	5.90	14.36	10.14
Nue 2	11.09	14.90	11.09	14.90	10.31
Nue 3	14.78	15.34	14.78	15.89	11.11
Nue 4	16.35	15.88	16.31	15.92	11.48
Nue 5	17.33	16.03	17.38	16.63	11.65
Nue 6	18.07	16.30	18.11	16.86	12.55

Lkn	31	32	33	34	35
Nue 1	14.36	5.72	6.74	3.94	4.52
Nue 2	14.89	12.01	8.03	9.99	8.58
Nue 3	15.46	12.41	9.42	10.19	11.18
Nue 4	15.89	12.86	9.80	10.20	12.55
Nue 5	16.47	14.22	10.16	10.30	13.45
Nue 6	16.98	14.30	10.56	11.40	13.99
Lkn	36	37	38	39	40
Nue 1	8.68	6.71	10.98	8.68	3.94
Nue 2	10.98	8.15	11.80	10.98	9.99
Nue 3	11.80	9.40	12.18	11.80	10.19
Nue 4	12.18	9.84	12.41	12.18	10.20
Nue 5	12.78	10.18	13.14	12.78	10.30
Nue 6	13.09	10.61	13.38	13.09	11.40
Lkn	41	42	43	44	45
Nue 1	9.00	5.53	8.71	12.16	10.92
Nue 2	10.98	9.51	9.13	12.46	11.25
Nue 3	11.79	12.45	9.81	13.50	11.45
Nue 4	12.18	14.00	10.48	13.56	12.05
Nue 5	13.06	14.64	10.59	14.37	12.28
Nue 6	13.39	15.13	11.26	14.60	12.70
Lkn	46	47	48	49	50
Nue 1	10.48	9.52	10.51	10.07	9.46
Nue 2	10.65	12.15	10.68	10.43	10.28
Nue 3	10.71	12.46	10.74	10.85	11.18
Nue 4	11.27	13.55	11.28	11.87	11.26
Nue 5	11.70	13.94	11.74	12.33	11.35
Nue 6	11.93	14.20	11.96	12.90	11.42
Lkn	51	52	53	54	55
Nue 1	10.07	11.28	10.28	10.07	4.69
Nue 2	10.43	11.37	10.92	10.43	8.72
Nue 3	10.85	11.43	11.09	10.85	9.96
Nue 4	11.86	12.34	11.96	11.87	10.47
Nue 5	12.35	12.45	12.44	12.33	10.60
Nue 6	12.91	12.86	15.48	12.90	10.65
Lkn	56	57	58	59	60
Nue 1	9.25	5.58	4.72	9.08	5.40
Nue 2	9.94	9.41	8.72	9.14	9.18
Nue 3	9.97	9.71	9.92	9.50	10.54
Nue 4	11.07	10.14	10.59	10.27	10.95
Nue 5	11.75	11.36	10.60	10.32	11.02
Nue 6	11.91	11.56	10.82	10.46	11.27
Lkn	61	62	63	64	65
Nue 1	5.00	3.93	6.22	6.78	4.85
Nue 2	9.46	6.70	7.64	7.25	7.21
Nue 3	10.79	7.22	7.91	7.81	8.05
Nue 4	11.75	7.31	8.29	8.07	8.41
Nue 5	13.22	8.07	8.61	8.45	9.14
Nue 6	13.65	8.32	8.82	8.77	9.21
Lkn	66	67	68	69	70
Nue 1	4.94	6.78	4.95	6.78	9.18
Nue 2	7.30	7.25	7.30	7.25	9.18
Nue 3	7.87	7.80	7.87	7.80	9.36

Lkn	66	67	68	69	70
Nue 4	8.11	8.07	8.11	8.07	9.84
Nue 5	8.55	8.56	8.55	8.56	10.47
Nue 6	8.91	8.75	8.91	8.75	10.56
Lkn	71	72	73	74	75
Nue 1	6.49	8.61	4.52	4.21	5.77
Nue 2	8.55	9.21	12.41	11.85	10.14
Nue 3	9.56	9.45	13.02	12.37	12.72
Nue 4	9.92	10.30	13.67	12.97	12.76
Nue 5	10.86	10.98	13.84	13.24	13.35
Nue 6	10.93	11.01	14.36	14.15	13.45
Lkn	76	77	78	79	80
Nue 1	4.21	4.52	6.14	5.73	3.34
Nue 2	11.86	12.41	10.36	9.68	6.93
Nue 3	12.08	13.04	12.62	13.21	7.69
Nue 4	12.43	13.71	13.97	13.52	8.53
Nue 5	12.85	13.84	14.95	13.56	8.68
Nue 6	13.38	14.38	15.97	14.59	8.87
Lkn	81	82	83	84	85
Nue 1	3.34	4.21	4.21	3.58	3.34
Nue 2	6.93	7.49	7.48	7.09	6.93
Nue 3	7.70	7.80	7.74	7.20	7.70
Nue 4	8.53	7.84	7.82	7.82	8.53
Nue 5	8.68	8.97	8.89	8.94	8.68
Nue 6	8.88	9.26	9.26	9.02	8.88
Lkn	86	87	88	89	90
Nue 1	3.34	4.46	4.23	3.34	3.34
Nue 2	6.93	7.16	7.47	6.93	6.93
Nue 3	7.70	7.40	7.83	7.70	7.70
Nue 4	8.53	7.77	8.34	8.53	8.53
Nue 5	8.68	8.42	8.90	8.68	8.68
Nue 6	8.88	8.95	9.21	8.88	8.88
Lkn	91	92	93	94	95
Nue 1	4.46	3.44	3.46	4.66	3.71
Nue 2	7.16	7.00	9.41	8.18	7.82
Nue 3	7.47	7.04	9.43	9.89	9.95
Nue 4	7.76	7.62	9.89	10.98	11.33
Nue 5	8.41	8.59	10.13	11.78	12.48
Nue 6	8.94	8.82	10.40	12.65	12.86
Lkn	96	97	98	99	100
Nue 1	3.45	4.66	4.42	4.41	4.66
Nue 2	9.42	8.28	7.86	8.21	8.18
Nue 3	9.51	9.89	10.48	10.40	9.89
Nue 4	9.71	10.97	10.87	10.68	10.98
Nue 5	10.17	11.88	11.01	10.88	11.78
Nue 6	10.38	12.74	11.79	10.88	12.65
Lkn	101	102	103	104	105
Nue 1	4.66	3.56	4.05	4.40	5.42
Nue 2	8.28	7.01	8.17	8.55	8.94
Nue 3	9.89	7.72	9.08	8.78	9.26
Nue 4	10.97	9.69	10.08	9.23	9.86
Nue 5	11.87	11.08	10.26	10.63	10.25
Nue 6	12.75	12.43	10.49	10.71	10.56

Lkn	106	107	108	109	110
Nue 1	5.79	5.39	4.18	4.18	4.36
Nue 2	8.49	8.96	8.32	8.32	8.41
Nue 3	9.15	9.27	8.66	8.66	9.80
Nue 4	9.18	9.65	8.97	8.97	12.29
Nue 5	9.94	10.62	10.15	10.15	14.02
Nue 6	10.54	11.10	10.46	10.46	15.93
Lkn	111	112	113	114	115
Nue 1	11.43	14.79	8.19	5.92	10.45
Nue 2	11.82	14.98	10.60	10.63	11.22
Nue 3	13.78	15.21	11.14	10.92	11.53
Nue 4	14.70	15.30	11.70	11.87	12.63
Nue 5	14.96	16.37	11.99	13.15	12.89
Nue 6	15.70	16.70	12.72	13.59	13.50
Lkn	116	117	118	119	120
Nue 1	6.11	10.41	5.43	10.68	8.84
Nue 2	10.97	11.38	13.81	11.11	10.18
Nue 3	12.49	11.50	13.94	12.36	10.99
Nue 4	12.96	12.62	14.10	12.50	11.38
Nue 5	13.51	12.87	14.43	14.77	11.72
Nue 6	14.13	13.54	15.39	14.98	12.34
Lkn		121	122	123	124
Nue 1		6.14	6.13	5.42	4.66
Nue 2		9.90	9.90	9.46	9.76
Nue 3		11.02	10.98	10.10	10.83
Nue 4		11.66	11.66	10.21	12.00
Nue 5		12.57	12.51	11.39	12.22
Nue 6		12.67	12.63	11.74	12.48

Vergröß.fak.

Vergrößerungsfaktor der Lastkombinationen (nach DISCHINGER)

DFA = Vergrößerungsfaktor $1/(1-1/Nue)$

*** = DFA < 1.111 (Berechnung nach Theorie I.Ordnung ausreichend)

Lkn	1	2	3	4	5
DFA 1	1.244	1.123	1.137	1.235	1.245
DFA 2	1.139	1.121	1.132	1.135	1.139
DFA 3	1.118	1.114	1.128	1.134	1.118
DFA 4	1.117	1.112	1.125	1.123	1.117
DFA 5	***	***	1.112	1.113	***
DFA 6	***	***	***	***	***
Lkn	6	7	8	9	10
DFA 1	1.137	1.236	1.287	1.201	1.148
DFA 2	1.128	1.135	1.146	***	***
DFA 3	1.125	1.134	1.126	***	***
DFA 4	1.112	1.123	1.121	***	***
DFA 5	1.112	1.113	1.116	***	***
DFA 6	***	***	1.111	***	***
Lkn	11	12	13	14	15
DFA 1	1.199	***	1.148	1.148	***
DFA 2	***	***	***	***	***
DFA 3	***	***	***	***	***
DFA 4	***	***	***	***	***
DFA 5	***	***	***	***	***

Lkn	11	12	13	14	15
DFA 6	***	***	***	***	***
Lkn	16	17	18	19	20
DFA 1	1.192	1.358	1.163	1.358	1.300
DFA 2	1.151	1.158	1.149	1.158	1.149
DFA 3	1.146	1.137	1.144	1.136	1.147
DFA 4	1.135	1.127	1.136	1.130	1.134
DFA 5	1.132	1.125	1.134	1.127	1.119
DFA 6	1.125	1.122	1.120	1.126	1.115
Lkn	21	22	23	24	25
DFA 1	1.163	1.311	1.300	1.311	1.112
DFA 2	1.149	1.151	1.149	1.150	***
DFA 3	1.140	1.130	1.147	1.130	***
DFA 4	1.136	1.123	1.134	1.123	***
DFA 5	1.134	1.119	1.119	1.118	***
DFA 6	1.120	1.115	1.115	1.114	***
Lkn	26	27	28	29	30
DFA 1	1.204	***	1.204	***	***
DFA 2	***	***	***	***	***
DFA 3	***	***	***	***	***
DFA 4	***	***	***	***	***
DFA 5	***	***	***	***	***
DFA 6	***	***	***	***	***
Lkn	31	32	33	34	35
DFA 1	***	1.212	1.174	1.340	1.284
DFA 2	***	***	1.142	1.111	1.132
DFA 3	***	***	1.119	***	***
DFA 4	***	***	1.114	***	***
DFA 5	***	***	***	***	***
DFA 6	***	***	***	***	***
Lkn	36	37	38	39	40
DFA 1	1.130	1.175	***	1.130	1.340
DFA 2	***	1.140	***	***	1.111
DFA 3	***	1.119	***	***	***
DFA 4	***	1.113	***	***	***
DFA 5	***	***	***	***	***
DFA 6	***	***	***	***	***
Lkn	41	42	43	44	45
DFA 1	1.125	1.221	1.130	***	***
DFA 2	***	1.117	1.123	***	***
DFA 3	***	***	1.114	***	***
DFA 4	***	***	***	***	***
DFA 5	***	***	***	***	***
DFA 6	***	***	***	***	***
Lkn	46	47	48	49	50
DFA 1	***	1.117	***	***	1.118
DFA 2	***	***	***	***	***
DFA 3	***	***	***	***	***
DFA 4	***	***	***	***	***
DFA 5	***	***	***	***	***
DFA 6	***	***	***	***	***

Lkn	51	52	53	54	55
DFA 1	***	***	***	***	1.271
DFA 2	***	***	***	***	1.129
DFA 3	***	***	***	***	1.112
DFA 4	***	***	***	***	***
DFA 5	***	***	***	***	***
DFA 6	***	***	***	***	***
Lkn	56	57	58	59	60
DFA 1	1.121	1.218	1.269	1.124	1.227
DFA 2	1.112	1.119	1.130	1.123	1.122
DFA 3	1.111	1.115	1.112	1.118	***
DFA 4	***	***	***	***	***
DFA 5	***	***	***	***	***
DFA 6	***	***	***	***	***
Lkn	61	62	63	64	65
DFA 1	1.250	1.341	1.191	1.173	1.260
DFA 2	1.118	1.175	1.151	1.160	1.161
DFA 3	***	1.161	1.145	1.147	1.142
DFA 4	***	1.158	1.137	1.141	1.135
DFA 5	***	1.141	1.131	1.134	1.123
DFA 6	***	1.137	1.128	1.129	1.122
Lkn	66	67	68	69	70
DFA 1	1.253	1.173	1.253	1.173	1.122
DFA 2	1.159	1.160	1.159	1.160	1.122
DFA 3	1.146	1.147	1.146	1.147	1.120
DFA 4	1.141	1.141	1.141	1.142	1.113
DFA 5	1.133	1.132	1.132	1.132	***
DFA 6	1.126	1.129	1.126	1.129	***
Lkn	71	72	73	74	75
DFA 1	1.182	1.131	1.284	1.311	1.210
DFA 2	1.132	1.122	***	***	***
DFA 3	1.117	1.118	***	***	***
DFA 4	1.112	***	***	***	***
DFA 5	***	***	***	***	***
DFA 6	***	***	***	***	***
Lkn	76	77	78	79	80
DFA 1	1.311	1.284	1.195	1.211	1.427
DFA 2	***	***	***	1.115	1.169
DFA 3	***	***	***	***	1.149
DFA 4	***	***	***	***	1.133
DFA 5	***	***	***	***	1.130
DFA 6	***	***	***	***	1.127
Lkn	81	82	83	84	85
DFA 1	1.427	1.312	1.312	1.387	1.427
DFA 2	1.169	1.154	1.154	1.164	1.169
DFA 3	1.149	1.147	1.148	1.161	1.149
DFA 4	1.133	1.146	1.147	1.147	1.133
DFA 5	1.130	1.125	1.127	1.126	1.130
DFA 6	1.127	1.121	1.121	1.125	1.127
Lkn	86	87	88	89	90
DFA 1	1.427	1.289	1.309	1.427	1.427
DFA 2	1.169	1.162	1.155	1.169	1.169
DFA 3	1.149	1.156	1.146	1.149	1.149

Lkn	86	87	88	89	90
DFA 4	1.133	1.148	1.136	1.133	1.133
DFA 5	1.130	1.135	1.127	1.130	1.130
DFA 6	1.127	1.126	1.122	1.127	1.127
Lkn	91	92	93	94	95
DFA 1	1.289	1.410	1.407	1.273	1.369
DFA 2	1.162	1.167	1.119	1.139	1.147
DFA 3	1.154	1.166	1.119	1.113	1.112
DFA 4	1.148	1.151	1.113	***	***
DFA 5	1.135	1.132	***	***	***
DFA 6	1.126	1.128	***	***	***
Lkn	96	97	98	99	100
DFA 1	1.407	1.273	1.293	1.293	1.273
DFA 2	1.119	1.137	1.146	1.139	1.139
DFA 3	1.118	1.113	***	***	1.113
DFA 4	1.115	***	***	***	***
DFA 5	***	***	***	***	***
DFA 6	***	***	***	***	***
Lkn	101	102	103	104	105
DFA 1	1.273	1.391	1.328	1.294	1.226
DFA 2	1.137	1.166	1.139	1.132	1.126
DFA 3	1.113	1.149	1.124	1.129	1.121
DFA 4	***	1.115	***	1.122	1.113
DFA 5	***	***	***	***	***
DFA 6	***	***	***	***	***
Lkn	106	107	108	109	110
DFA 1	1.209	1.228	1.314	1.314	1.298
DFA 2	1.133	1.126	1.137	1.137	1.135
DFA 3	1.123	1.121	1.131	1.131	1.114
DFA 4	1.122	1.116	1.126	1.126	***
DFA 5	1.112	***	***	***	***
DFA 6	***	***	***	***	***
Lkn	111	112	113	114	115
DFA 1	***	***	1.139	1.203	***
DFA 2	***	***	***	***	***
DFA 3	***	***	***	***	***
DFA 4	***	***	***	***	***
DFA 5	***	***	***	***	***
DFA 6	***	***	***	***	***
Lkn	116	117	118	119	120
DFA 1	1.196	***	1.225	***	1.128
DFA 2	***	***	***	***	***
DFA 3	***	***	***	***	***
DFA 4	***	***	***	***	***
DFA 5	***	***	***	***	***
DFA 6	***	***	***	***	***
Lkn		121	122	123	124
DFA 1		1.195	1.195	1.226	1.273
DFA 2		1.112	1.112	1.118	1.114
DFA 3		***	***	***	***
DFA 4		***	***	***	***
DFA 5		***	***	***	***
DFA 6		***	***	***	***

Alle LFK mit $DFA > 1/0.9 = 1.111$ nach Theorie II.Ordnung rechnen!

Pos. S1 Stabwerk nach Theorie II. Ordnung (GZT)

System

Positionsplan Positionsplan(3D)

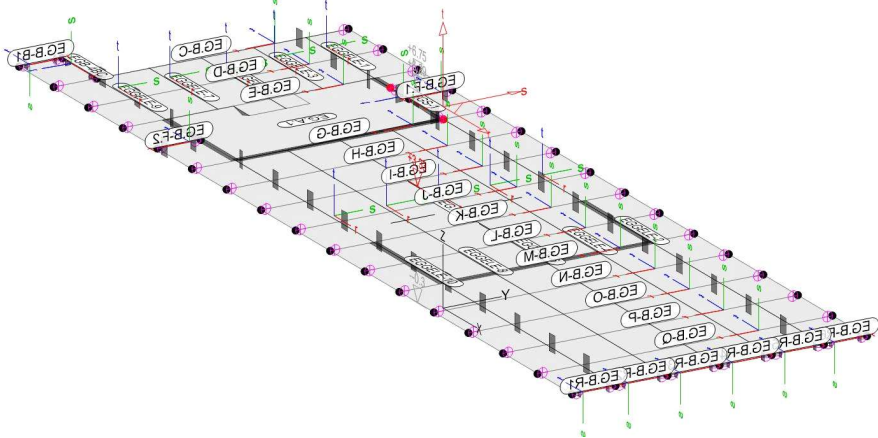
Geschosse Übersicht der Geschosse

Kürz.	Beschreibung	Z _{Ges} [m]	h _{Ges} [m]
DZ	Dachzone	6.75	0.46
OG	Obergeschoss	6.29	2.96
EG	Erdgeschoss	3.33	3.65
UG	Untergeschoss	-0.32	4.29

Geschoss: EG Erdgeschoss, Niveau z = 3.33 m

Bauteile Bauteil-Positionen

Positionsgrafik Übersicht der Bauteil-Positionen



Decken Decken-Positionen

Holz

Brettsper Holz

Position	Winkel [°]	Material	Dicke [mm]
EG.D.01 Winkel: Tragrichtung r (=Faserrichtung 0°)	90.00	LENO 100-5	100

Nutzungsklasse gemäß DIN EN 1995-1-1, 2.3.1.3

Position	NKL	Kommentar
EG.D.01	1	beheizte Innenräume

Aussparungen

Position	Fläche [m²]	x [m]	y [m]	z [m]
EG.A.1	26.74	-10.15	3.53	3.33
		-10.15	0.81	3.33
		-9.20	0.81	3.33
		-9.20	-1.25	3.33
		-10.15	-1.25	3.33
		-10.15	-3.53	3.33

Flächengelenke

Position	Fläche [m²]	x [m]	y [m]	z [m]
		-6.09	-3.53	3.33
		-6.09	3.53	3.33

Position	$K_{T,r}$ $K_{R,r}$	$K_{T,s}$ $K_{R,s}$	$K_{T,t}$ $K_{R,t}$
EGGELE-	fest	fest	fest
1..EGGELE-10	frei	frei	frei

Stäbe

Stab-Positionen

Stahlbeton

Position	Art	Länge [m]	Längs	Material Quer	b _(t) [cm]	h _(s) [cm]
EGS-1	ST	3.11		C 25/30 Q B 500SA B 500SA	25.0	56.0

ST: Stab (N, V, M)
Q: Gesteinskörnung Quarzit

Expositionsklasse

gemäß DIN EN 1992-1-1, Tab. 4.1

Position	Seite	Kl	Kommentar
EGS-1	umlaufend	XC1	trocken oder ständig nass

Holz

Position	Art	Länge [m]	Material	b _(t) [cm]	h _(s) [cm]
EG.B-B1	ST	1.47	FSH BauBuche GL75/F	16.0	24.0
EG.B-C, EG.B-D	ST	10.00	FSH BauBuche GL75/F	32.0	56.0
EG.B-E	ST	10.00	FSH BauBuche GL75/F	16.0	56.0
EG.B-F.1, EG.B-F.2	ST	1.47	FSH BauBuche GL75/F	32.0	56.0
EG.B-G	ST	10.00	FSH BauBuche GL75/F	16.0	56.0
EG.B-H, EG.B-I, EG.B-J, EG.B-K, EG.B-L, EG.B-M, EG.B-N, EG.B-O, EG.B-P, EG.B-Q	ST	10.00	FSH BauBuche GL75/F	32.0	56.0
EG.B-R1	ST	1.47	FSH BauBuche GL75/F	16.0	24.0
EG.B-R2..EG.B-R5	ST	1.77	FSH BauBuche GL75/F	16.0	24.0
EG.B-R6	ST	1.47	FSH BauBuche GL75/F	16.0	24.0
EGB-4BC	ST	2.03	FSH BauBuche GL75/F	16.0	24.0

ST: Stab (N, V, M)
F: Querschnittsausrichtung flachkant

Nutzungsklasse

gemäß DIN EN 1995-1-1, 2.3.1.3

Position	NKL	Kommentar
EG.B-B1, EG.B-C, EG.B-D, EG.B-E, EG.B-F.1, 1 EG.B-F.2, EG.B-G, EG.B-H, EG.B-I, EG.B-J, EG.B-K, EG.B-L, EG.B-M, EG.B-N, EG.B-O, EG.B-P, EG.B-Q, EG.B-R1..EG.B-R6, EGB- 4BC		beheizte Innenräume

Stabendgelenke

Position	Ort		$K_{T,r}$ $K_{R,r}$ [kN/m] [kNm/rad]		$K_{T,s}$ $K_{R,s}$ [kN/m] [kNm/rad]		$K_{T,t}$ $K_{R,t}$ [kN/m] [kNm/rad]
EG.B-B1	A		fest		fest		fest
			fest	+/-	frei	+/-	4500
	E		fest		fest		fest
			fest	+/-	frei	+/-	4500
EG.B-C, EG.B-D, EG.B-E	A	+/-	193733	+/-	193733		fest
			fest		fest	+/-	5274
	E	+/-	193733	+/-	193733		fest
			fest		fest	+/-	5274
EG.B-F.1	A	+/-	193733	+/-	193733		fest
			fest		fest	+/-	5274
	E		fest		fest		fest
			fest		frei	+/-	frei
EG.B-F.2	A		fest		fest		fest
			fest		frei	+/-	frei
	E	+/-	193733	+/-	193733		fest
			fest		fest	+/-	5274
EG.B-G, EG.B-H, EG.B-I, EG.B-J, EG.B-K, EG.B-L, EG.B-M, EG.B-N, EG.B-O, EG.B-P, EG.B-Q	A	+/-	193733	+/-	193733		fest
			fest		fest	+/-	5274
	E	+/-	193733	+/-	193733		fest
			fest		fest	+/-	5274
EG.B-R1...EG.B-R6, EGB-4BC	A		fest		fest		fest
			fest		frei	+/-	frei
	E		fest		fest		fest
			fest		frei	+/-	frei
EGS-1	A		fest		fest		fest
			fest		frei	+/-	frei
	E	+/-	frei		fest		fest
			fest		frei	+/-	frei

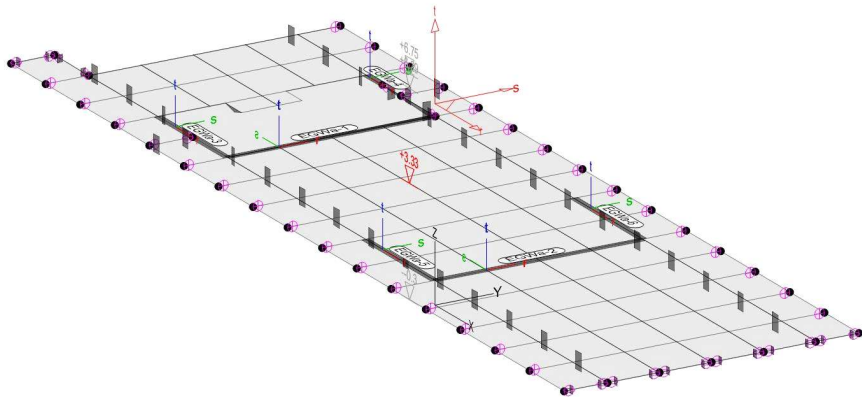
A: Stabanfang
E: Stabende

Auflager

Auflager-Positionen

Positionsgrafik

Übersicht der Auflager-Positionen



Linienlager

lokal

Linienlager-Positionen

Position		$K_{T,r}$ $K_{R,r}$		$K_{T,s}$ $K_{R,s}$		$K_{T,t}$ $K_{R,t}$	
		[kN/m/m]		[kN/m/m]		[kN/m/m]	
		[kNm/rad/m]		[kNm/rad/m]		[kNm/rad/m]	
EGWa-1..EGWa-3	+/-	884700	frei	frei	+/-	2123300	frei
EGWa-4		frei	frei	frei	+/-	2123300	frei
EGWa-5, EGWa-6	+/-	884700	frei	frei	+/-	2123300	frei

Material

Stahlbeton
DIN EN 1992-1-1

Materialkennwerte

Position	Material	Wichte [kN/m³]	E_{cm} G		f_{ck} f_{ctm}
			[N/mm²]		[N/mm²]
EGS-1	C 25/30 Q	25.00	31000		25.00
			12900		2.60

Q: Gesteinskörnung Quarzit

Betonstahl
DIN EN 1992-1-1

Position	Material	Wichte [kN/m³]	E_s G		f_{yk} $f_{tk,cal}$
			[N/mm²]		[N/mm²]
EGS-1	B 500SA	78.50	200000		500.00
			77000		525.00

Holz
DIN EN 1995-1-1

Position	Material	Wichte [kN/m³]	$E_{0,mean}$ $E_{90,mean}$		G_{mean}
			[N/mm²]		[N/mm²]
EG.B-B1, EG.B-R1..EG.B-R6, EGB-4BC, EG.B-C, EG.B-D, EG.B-E, EG.B-F.1, EG.B-F.2, EG.B-G, EG.B-H, EG.B-I, EG.B-J, EG.B-K, EG.B-L, EG.B-M, EG.B-N, EG.B-O, EG.B-P, EG.B-	FSH BauBuche GL75/F	8.50	16800		

Position	Material	Wichte [kN/m³]	$E_{0,mean}$ $E_{90,mean}$ [N/mm²]	G_{mean} [N/mm²]
Q			470	850.00

F: Querschnittsausrichtung flachkant

Festigkeiten

Material	$f_{t,0,k}$ $f_{t,90,k}$ [N/mm²]	$f_{c,0,k}$ $f_{c,90,k}$ [N/mm²]	$f_{m,k}$ $f_{v,k}$ [N/mm²]
FSH BauBuche GL75	60.00 0.00	49.50 12.33	75.00 4.50
FSH BauBuche GL75	60.00 0.00	49.50 12.33	75.00 4.50

Brettsperrholz
DIN EN 1995-1-1

Position	Material	Wichte [kN/m³]	Werkstoff
EG.D.01	LENO 100-5	5.00	NH C24

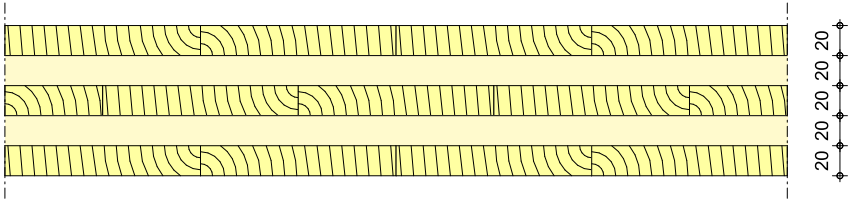
Querschnitte

Brettsperrholz-Querschnitte

LENO 100-5

ZÜBLIN Timber GmbH. ETA-10/0241

M 1:5



Mat./Querschnitt

Lage	Werkstoff	Faser	Füllgrad [%]	Dicke [mm]	Wichte [kN/m³]
1	NH C24	0°	100	20.0	4.2
2	NH C24	90°	100	20.0	4.2
3	NH C24	0°	100	20.0	4.2
4	NH C24	90°	100	20.0	4.2
5	NH C24	0°	100	20.0	4.2

Faser: Faserausrichtung zur Tragrichtung r

Gesamtdicke $h = 10.00$ cm
Gesamtwichte $\gamma = 5.00$ kN/m³

Festigkeiten

Material	Werkstoff	$f_{m,k}$ $f_{v,k}$ [N/mm²]	$f_{t,0,k}$ $f_{v,s,k}$ [N/mm²]	$f_{c,0,k}$ $f_{R,k}$ [N/mm²]
LENO 100-5	NH C24	24.00 4.00	14.50 2.67	21.00 0.70

Steifigkeitsmodul

Material	Werkstoff	$E_{0,mean}$ [N/mm²]	G_{mean} [N/mm²]	$G_{R,mean}$ [N/mm²]
LENO 100-5	NH C24	11000	690	50

Steifigkeiten

Material	$Z_{s,r}$	K_r	B_r	S_r	D_r
	$Z_{s,s}$	K_s	B_s	S_s	D_s
			B_{rs}		D_{rs}
	[cm]	[-]	[kNm ² /m]	[kN/m]	[kN/m]
LENO 100-5	5.0	5.441	726.00	7976.2	660000
	5.0	6.920	190.67	4422.1	440000
			43.65		14078

Lastplan

Lasten des FE-Modells

Geschosse

Übersicht der Geschosse

Kürz.	Beschreibung	Z_{Ges}	h_{Ges}
		[m]	[m]
DZ	Dachzone	6.75	0.46
OG	Obergeschoss	6.29	2.96
EG	Erdgeschoss	3.33	3.65
UG	Untergeschoss	-0.32	4.29

Geschoss: DZ

Dachzone, Niveau z = 6.75 m

Bauteillasten

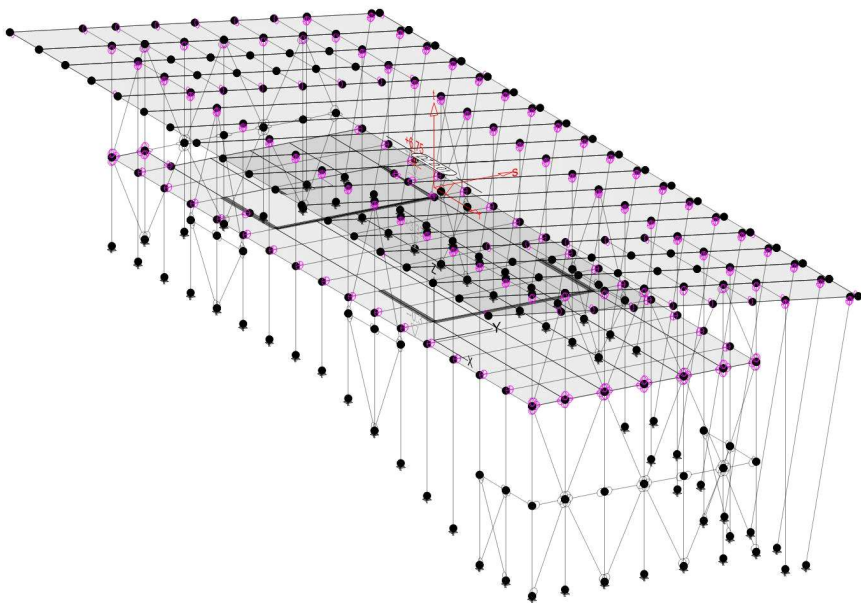
Bauteilbezogene Lasten

Flächenpositionen

Flächenförmige Bauteil-Positionen

Positionsgrafik

Übersicht der flächenförmigen Bauteil-Positionen



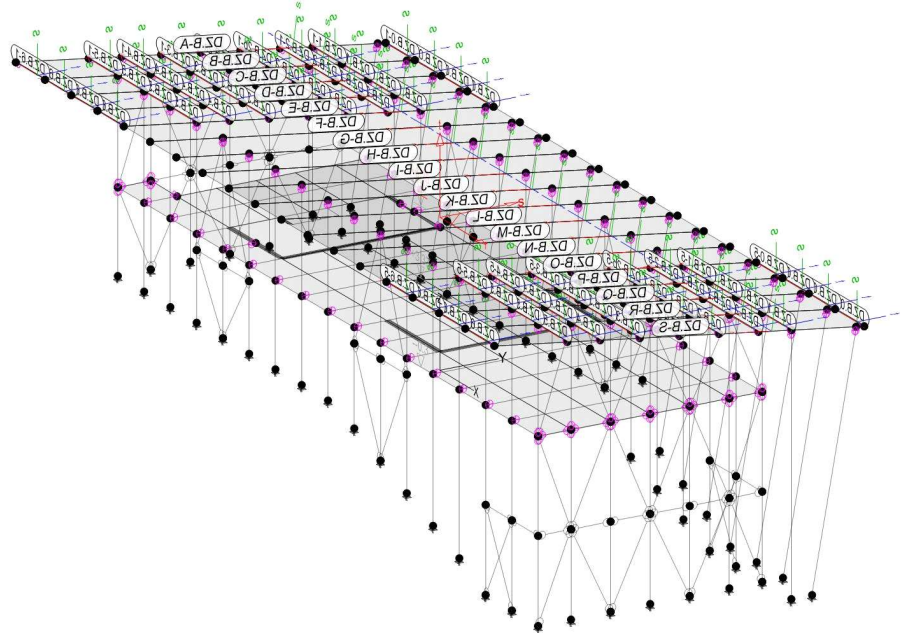
Position	EW	Lastfall	Art	g [kN/m ²]
DZ.D.01	Gk	LF-1	PGr	0.50
PGr: Gravitationslast; positive Lasten wirken senkrecht nach unten				

Streckenpositionen

Positionsgrafik

Linienförmige Bauteil-Positionen

Übersicht der linienförmigen Bauteil-Positionen

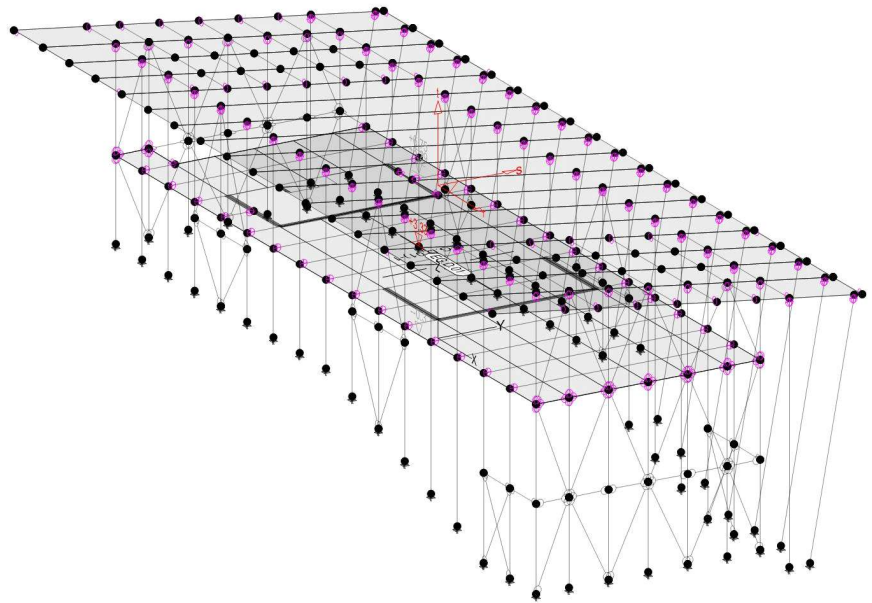


Eigengewicht

Position	EW	Lastfall	Art	g [kN/m]
DZ.B-A, DZ.B-B, DZ.B-C, DZ.B-D, DZ.B-E, DZ.B-F, DZ.B-G, DZ.B-H, DZ.B-I, DZ.B-J, DZ.B- K, DZ.B-L, DZ.B-M, DZ.B-N, DZ.B-O, DZ.B-P, DZ.B-Q, DZ.B-R, DZ.B-S	Gk	LF-1	PGr	0.39
DZ.B.0-1	Gk	LF-1	PGr	0.14
DZ.B.0-2..DZ.B.0-8, DZ.B.1-1..DZ.B.1-8, DZ.B.2-1..DZ.B.2-8, DZ.B.2a-1..DZ.B.2a- 8, DZ.B.2b- 1..DZ.B.2b-8, DZ.B.3- 1..DZ.B.3-8, DZ.B.4- 1..DZ.B.4-8	Gk	LF-1	PGr	0.33
DZ.B.5-1..DZ.B.5-8, DZ.B.6-1..DZ.B.6-8	Gk	LF-1	PGr	0.82

PGr: Gravitationslast; positive Lasten wirken senkrecht nach unten

Geschoss: OG	Obergeschoss, Niveau z = 6.29 m
Geschoss: EG	Erdgeschoss, Niveau z = 3.33 m
Bauteillasten	Bauteilbezogene Lasten
Flächenpositionen	Flächenförmige Bauteil-Positionen
<u>Positionsgrafik</u>	Übersicht der flächenförmigen Bauteil-Positionen



Eigengewicht

Position	EW	Lastfall	Art	g [kN/m²]
EG.D.01	Gk	LF-1	PGr	0.50
PGr: Gravitationslast; positive Lasten wirken senkrecht nach unten				

Sonstige ständige Last

Position	EW	Lastfall	Art	g [kN/m²]
(a)EG.D.01	Gk	LF-1	PGr	2.07
PGr: Gravitationslast; positive Lasten wirken senkrecht nach unten				

Nutzlast

Position	EW	Lastfall je Lastfeld	Art	p [kN/m²]
(b)EG.D.01	Qk.N	(EG.D.01)-1	PGr	5.00
PGr: Gravitationslast; positive Lasten wirken senkrecht nach unten				

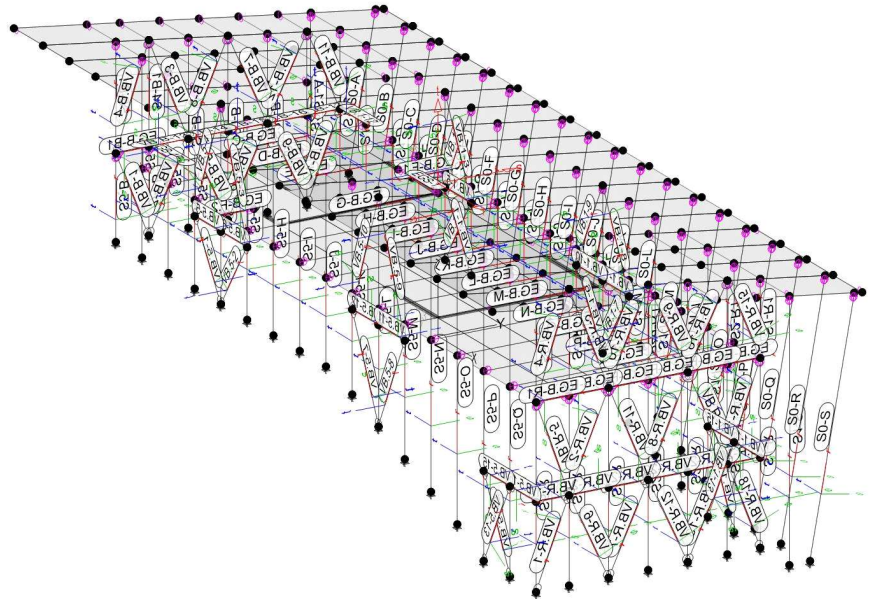
(a)	GK-Akustik-Decke	0.13 =	0.13	kN/m²
	Heiz-/Kühlsystem	0.09 =	0.09	kN/m²
	Hohlbodensystem Lastklasse 5	0.55 =	0.55	kN/m²
	4 cm Schallschutzbalken	4*0.24 =	0.96	kN/m²
	1 cm Ausgleich	1.0*0.24 =	0.24	kN/m²
	Nutzschicht	0.1 =	0.10	kN/m²
		=	2.07	kN/m²
(b)	Nutzlast frei begehbarer Veranstaltungsfläche Kat. C3			
		5.0 =	5.00	kN/m²

Streckenpositionen

Linienförmige Bauteil-Positionen

Positionsgrafik

Übersicht der linienförmigen Bauteil-Positionen



Eigengewicht

Position	EW	Lastfall	Art	g [kN/m]
EG.B-B1	Gk	LF-1	PGr	0.33
EG.B-C, EG.B-D	Gk	LF-1	PGr	1.52
EG.B-E	Gk	LF-1	PGr	0.76
EG.B-F.1, EG.B-F.2	Gk	LF-1	PGr	1.52
EG.B-G	Gk	LF-1	PGr	0.76
EG.B-H, EG.B-I, EG.B-J, EG.B-K, EG.B-L, EG.B-M, EG.B-N, EG.B-O, EG.B-P, EG.B-Q	Gk	LF-1	PGr	1.52
EG.B-R1..EG.B-R6, EGB-4BC	Gk	LF-1	PGr	0.33
EGS-1	Gk	LF-1	PGr	3.50
S0-A, S0-B, S0-C, S0- D, S0-E, S0-F, S0-G, S0-H, S0-I, S0-J, S0- K, S0-L, S0-M, S0-N, S0-O, S0-P, S0-Q, S0- R, S0-S, S1-A	Gk	LF-1	PGr	0.63
S1-B, S1-C, S1-D, S1- E, S1-F, S1-G, S1-H, S1-I, S1-J, S1-K, S1- L, S1-M, S1-N, S1-O, S1-P, S1-Q, S1-R, S1- R1	Gk	LF-1	PGr	0.88
S1-S	Gk	LF-1	PGr	0.63
S2-B, S2-R, S2-R1, S2a-B, S2a-R, S2a-	Gk	LF-1	PGr	0.54

Position	EW	Lastfall	Art	g [kN/m]
R1, S2b-B, S2b-R, S2b-R1, S3-B, S3-R, S3-R1, S4-B, S4-B1, S4-R, S4-R1				
S5-B, S5-B1, S5-C, S5-D, S5-E, S5-F, S5- G, S5-H, S5-I, S5-J, S5-K, S5-L, S5-M, S5- N, S5-O, S5-P, S5-Q, S5-R, S5-R1	Gk	LF-1	PGr	0.88
VB.1-1..VB.1-4	Gk	LF-1	PGr	0.01
VB.1-5	Gk	LF-1	PGr	0.06
VB.1-6..VB.1-9	Gk	LF-1	PGr	0.01
VB.1-10..VB.1-12	Gk	LF-1	PGr	0.06
VB.1-13, VB.1-14	Gk	LF-1	PGr	0.01
VB.1-15, VB.1-16	Gk	LF-1	PGr	0.06
VB.5-1..VB.5-4	Gk	LF-1	PGr	0.01
VB.5-5, VB.5-6	Gk	LF-1	PGr	0.06
VB.5-7..VB.5-10	Gk	LF-1	PGr	0.01
VB.5-11, VB.5-12	Gk	LF-1	PGr	0.06
VB.5-13, VB.5-14	Gk	LF-1	PGr	0.01
VB.5-15, VB.5-16	Gk	LF-1	PGr	0.06
VB.B-1..VB.B-12	Gk	LF-1	PGr	0.01
VB.B-13..VB.B-17	Gk	LF-1	PGr	0.06
VB.R-1..VB.R-18	Gk	LF-1	PGr	0.01
VB.R-19..VB.R-24	Gk	LF-1	PGr	0.06

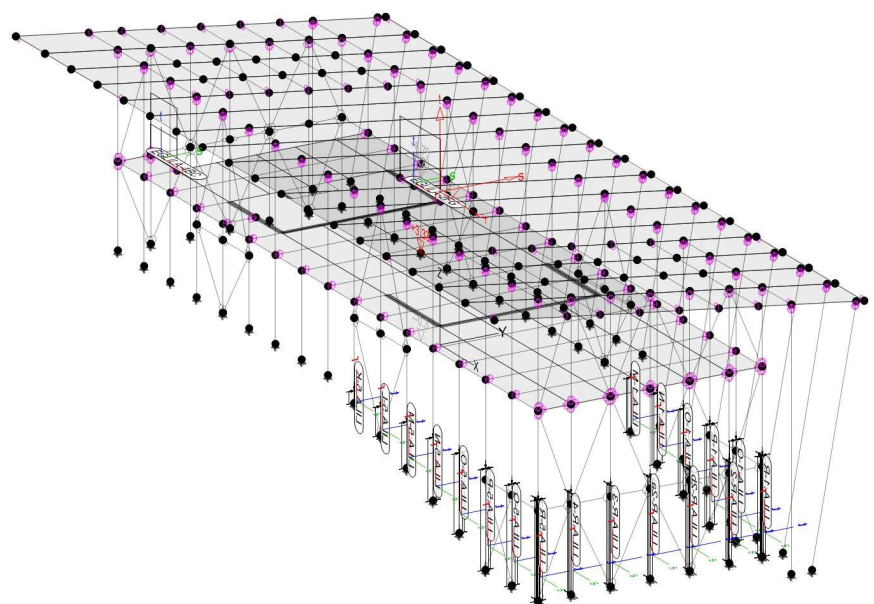
PGr: Gravitationslast; positive Lasten wirken senkrecht nach unten

Standardlasten

Standardlasten im FE-Modell

Positionsgrafik

Übersicht der Standardlasten



Linienlasten

	Position	EW	Lastfall	Art	$p_{A,MA}$ [kN/m],[kNm/m]	$p_{E,ME}$
(a)	EGLILA-2FG	Gk	LF-1	pGr	7.50	7.50
(b)		Qk.N	LF-2	pGr	15.00	15.00
(a)	EGLILA-4BC	Gk	LF-1	pGr	7.50	7.50
(b)		Qk.N	LF-2	pGr	15.00	15.00
	LILA.1-M	Gk	LF-1	pGr	2.00	2.00
(c)		Qk.W	000-W	py	-1.31	-1.31
(c)		Qk.W	000-W-L	py	-1.31	-1.31
(c)		Qk.W	000-W-R	py	-1.31	-1.31
(d)		Qk.W	090-W	py	0.82	0.82
(d)		Qk.W	090-W-L	py	0.82	0.82
(d)		Qk.W	090-W-R	py	0.82	0.82
(e)		Qk.W	180-W	py	0.82	0.82
(e)		Qk.W	180-W-L	py	0.82	0.82
(e)		Qk.W	180-W-R	py	0.82	0.82
(f)		Qk.W	270-W	py	1.16	1.16
(f)		Qk.W	270-W-L	py	1.16	1.16
(f)		Qk.W	270-W-R	py	1.16	1.16
	LILA.1-N	Gk	LF-1	pGr	2.00	2.00
(g)		Qk.W	000-W	py	-1.31	-1.31
(g)		Qk.W	000-W-L	py	-1.31	-1.31
(g)		Qk.W	000-W-R	py	-1.31	-1.31
(h)		Qk.W	090-W	py	0.82	0.82
(h)		Qk.W	090-W-L	py	0.82	0.82
(h)		Qk.W	090-W-R	py	0.82	0.82
(i)		Qk.W	180-W	py	0.82	0.82
(i)		Qk.W	180-W-L	py	0.82	0.82
(i)		Qk.W	180-W-R	py	0.82	0.82
(j)		Qk.W	270-W	py	1.31	1.31
(j)		Qk.W	270-W-L	py	1.31	1.31
(j)		Qk.W	270-W-R	py	1.31	1.31
	LILA.1-O	Gk	LF-1	pGr	2.00	2.00
(k)		Qk.W	000-W	py	-1.31	-1.31
(k)		Qk.W	000-W-L	py	-1.31	-1.31
(k)		Qk.W	000-W-R	py	-1.31	-1.31
(l)		Qk.W	090-W	py	0.82	0.82
(l)		Qk.W	090-W-L	py	0.82	0.82
(l)		Qk.W	090-W-R	py	0.82	0.82
(m)		Qk.W	180-W	py	0.82	0.82
(m)		Qk.W	180-W-L	py	0.82	0.82
(m)		Qk.W	180-W-R	py	0.82	0.82
(n)		Qk.W	270-W	py	1.31	1.31
(n)		Qk.W	270-W-L	py	1.31	1.31
(n)		Qk.W	270-W-R	py	1.31	1.31
	LILA.1-P	Gk	LF-1	pGr	2.00	2.00
(o)		Qk.W	000-W	py	-1.31	-1.31
(o)		Qk.W	000-W-L	py	-1.31	-1.31
(o)		Qk.W	000-W-R	py	-1.31	-1.31
(p)		Qk.W	090-W	py	0.82	0.82
(p)		Qk.W	090-W-L	py	0.82	0.82
(p)		Qk.W	090-W-R	py	0.82	0.82
(q)		Qk.W	180-W	py	0.82	0.82

Position	EW	Lastfall	Art	p _{A,MA} [kN/m],[kNm/m]	p _{E,ME}
(q)	Qk.W	180-W-L	py	0.82	0.82
(q)	Qk.W	180-W-R	py	0.82	0.82
(r)	Qk.W	270-W	py	1.31	1.31
(r)	Qk.W	270-W-L	py	1.31	1.31
(r)	Qk.W	270-W-R	py	1.31	1.31
LILA.1-Q	Gk	LF-1	pGr	2.00	2.00
(s)	Qk.W	000-W	py	-1.31	-1.31
(s)	Qk.W	000-W-L	py	-1.31	-1.31
(s)	Qk.W	000-W-R	py	-1.31	-1.31
(t)	Qk.W	090-W	py	0.82	0.82
(t)	Qk.W	090-W-L	py	0.82	0.82
(t)	Qk.W	090-W-R	py	0.82	0.82
(u)	Qk.W	180-W	py	0.82	0.82
(u)	Qk.W	180-W-L	py	0.82	0.82
(u)	Qk.W	180-W-R	py	0.82	0.82
(v)	Qk.W	270-W	py	1.61	1.61
(v)	Qk.W	270-W-L	py	1.61	1.61
(v)	Qk.W	270-W-R	py	1.61	1.61
LILA.1-R	Gk	LF-1	pGr	2.00	2.00
(w)	Qk.W	000-W	py	-0.77	-0.77
(x)	Qk.W	000-W	px	0.98	0.98
(w)	Qk.W	000-W-L	py	-0.77	-0.77
(x)	Qk.W	000-W-L	px	0.98	0.98
(w)	Qk.W	000-W-R	py	-0.77	-0.77
(x)	Qk.W	000-W-R	px	0.98	0.98
(y)	Qk.W	090-W	py	0.48	0.48
(z)	Qk.W	090-W	px	0.27	0.27
(z)	Qk.W	090-W-L	px	0.27	0.27
(y)	Qk.W	090-W-L	py	0.48	0.48
(z)	Qk.W	090-W-R	px	0.27	0.27
(y)	Qk.W	090-W-R	py	0.48	0.48
(aa)	Qk.W	180-W	py	0.48	0.48
(ab)	Qk.W	180-W	px	0.65	0.65
(aa)	Qk.W	180-W-L	py	0.48	0.48
(ab)	Qk.W	180-W-L	px	0.65	0.65
(aa)	Qk.W	180-W-R	py	0.48	0.48
(ab)	Qk.W	180-W-R	px	0.65	0.65
(ac)	Qk.W	270-W	py	1.15	1.15
(ad)	Qk.W	270-W	px	-0.58	-0.58
(ad)	Qk.W	270-W-L	px	-0.58	-0.58
(ac)	Qk.W	270-W-L	py	1.15	1.15
(ac)	Qk.W	270-W-R	py	1.15	1.15
(ad)	Qk.W	270-W-R	px	-0.58	-0.58
LILA.5-K	Gk	LF-1	pGr	2.00	2.00
(ae)	Qk.W	000-W	py	-0.82	-0.82
(ae)	Qk.W	000-W-L	py	-0.82	-0.82
(af)	Qk.W	000-W-R	py	-0.82	-0.82
(ag)	Qk.W	090-W	py	-0.82	-0.82
(ag)	Qk.W	090-W-L	py	-0.82	-0.82
(ag)	Qk.W	090-W-R	py	-0.82	-0.82
(ah)	Qk.W	180-W	py	1.31	1.31

Position	EW	Lastfall	Art	p _{A,MA} [kN/m],[kNm/m]	p _{E,ME}
(ah)	Qk.W	180-W-L	py	1.31	1.31
(ah)	Qk.W	180-W-R	py	1.31	1.31
(ai)	Qk.W	270-W	py	-0.82	-0.82
(ai)	Qk.W	270-W-L	py	-0.82	-0.82
(ai)	Qk.W	270-W-R	py	-0.82	-0.82
LILA.5-L	Gk	LF-1	pGr	2.00	2.00
(aj)	Qk.W	000-W	py	-0.82	-0.82
(aj)	Qk.W	000-W-L	py	-0.82	-0.82
(ak)	Qk.W	000-W-R	py	-0.82	-0.82
(al)	Qk.W	090-W	py	-0.82	-0.82
(al)	Qk.W	090-W-L	py	-0.82	-0.82
(al)	Qk.W	090-W-R	py	-0.82	-0.82
(am)	Qk.W	180-W	py	1.31	1.31
(am)	Qk.W	180-W-L	py	1.31	1.31
(am)	Qk.W	180-W-R	py	1.31	1.31
(an)	Qk.W	270-W	py	-0.82	-0.82
(an)	Qk.W	270-W-L	py	-0.82	-0.82
(an)	Qk.W	270-W-R	py	-0.82	-0.82
LILA.5-M	Gk	LF-1	pGr	2.00	2.00
(ao)	Qk.W	000-W	py	-0.82	-0.82
(ao)	Qk.W	000-W-L	py	-0.82	-0.82
(ap)	Qk.W	000-W-R	py	-0.82	-0.82
(aq)	Qk.W	090-W	py	-0.82	-0.82
(aq)	Qk.W	090-W-L	py	-0.82	-0.82
(aq)	Qk.W	090-W-R	py	-0.82	-0.82
(ar)	Qk.W	180-W	py	1.31	1.31
(ar)	Qk.W	180-W-L	py	1.31	1.31
(ar)	Qk.W	180-W-R	py	1.31	1.31
(as)	Qk.W	270-W	py	-1.16	-1.16
(as)	Qk.W	270-W-L	py	-1.16	-1.16
(as)	Qk.W	270-W-R	py	-1.16	-1.16
LILA.5-N	Gk	LF-1	pGr	2.00	2.00
(at)	Qk.W	000-W	py	-0.82	-0.82
(at)	Qk.W	000-W-L	py	-0.82	-0.82
(au)	Qk.W	000-W-R	py	-0.82	-0.82
(av)	Qk.W	090-W	py	-0.82	-0.82
(av)	Qk.W	090-W-L	py	-0.82	-0.82
(av)	Qk.W	090-W-R	py	-0.82	-0.82
(aw)	Qk.W	180-W	py	1.31	1.31
(aw)	Qk.W	180-W-L	py	1.31	1.31
(aw)	Qk.W	180-W-R	py	1.31	1.31
(ax)	Qk.W	270-W	py	-1.31	-1.31
(ax)	Qk.W	270-W-L	py	-1.31	-1.31
(ax)	Qk.W	270-W-R	py	-1.31	-1.31
LILA.5-O	Gk	LF-1	pGr	2.00	2.00
(ay)	Qk.W	000-W	py	-0.82	-0.82
(ay)	Qk.W	000-W-L	py	-0.82	-0.82
(az)	Qk.W	000-W-R	py	-0.82	-0.82
(ba)	Qk.W	090-W	py	-0.82	-0.82
(ba)	Qk.W	090-W-L	py	-0.82	-0.82
(ba)	Qk.W	090-W-R	py	-0.82	-0.82

Position	EW	Lastfall	Art	p _{A,MA} [kN/m],[kNm/m]	p _{E,ME}
(bb)	Qk.W	180-W	py	1.31	1.31
(bb)	Qk.W	180-W-L	py	1.31	1.31
(bb)	Qk.W	180-W-R	py	1.31	1.31
(bc)	Qk.W	270-W	py	-1.31	-1.31
(bc)	Qk.W	270-W-L	py	-1.31	-1.31
(bc)	Qk.W	270-W-R	py	-1.31	-1.31
LILA.5-P	Gk	LF-1	pGr	2.00	2.00
(bd)	Qk.W	000-W	py	-0.82	-0.82
(bd)	Qk.W	000-W-L	py	-0.82	-0.82
(be)	Qk.W	000-W-R	py	-0.82	-0.82
(bf)	Qk.W	090-W	py	-0.82	-0.82
(bf)	Qk.W	090-W-L	py	-0.82	-0.82
(bf)	Qk.W	090-W-R	py	-0.82	-0.82
(bg)	Qk.W	180-W	py	1.31	1.31
(bg)	Qk.W	180-W-L	py	1.31	1.31
(bg)	Qk.W	180-W-R	py	1.31	1.31
(bh)	Qk.W	270-W	py	-1.31	-1.31
(bh)	Qk.W	270-W-L	py	-1.31	-1.31
(bh)	Qk.W	270-W-R	py	-1.31	-1.31
LILA.5-Q	Gk	LF-1	pGr	2.00	2.00
(bi)	Qk.W	000-W	py	-0.82	-0.82
(bi)	Qk.W	000-W-L	py	-0.82	-0.82
(bj)	Qk.W	000-W-R	py	-0.82	-0.82
(bk)	Qk.W	090-W	py	-0.82	-0.82
(bk)	Qk.W	090-W-L	py	-0.82	-0.82
(bk)	Qk.W	090-W-R	py	-0.82	-0.82
(bl)	Qk.W	180-W	py	1.31	1.31
(bl)	Qk.W	180-W-L	py	1.31	1.31
(bl)	Qk.W	180-W-R	py	1.31	1.31
(bm)	Qk.W	270-W	py	-1.61	-1.61
(bm)	Qk.W	270-W-L	py	-1.61	-1.61
(bm)	Qk.W	270-W-R	py	-1.61	-1.61
LILA.5-R	Gk	LF-1	pGr	2.00	2.00
(bn)	Qk.W	000-W	py	-0.48	-0.48
(bo)	Qk.W	000-W	px	0.65	0.65
(bp)	Qk.W	000-W-L	py	-0.48	-0.48
(bo)	Qk.W	000-W-L	px	0.65	0.65
(bn)	Qk.W	000-W-R	py	-0.48	-0.48
(bo)	Qk.W	000-W-R	px	0.65	0.65
(bq)	Qk.W	090-W	py	-0.48	-0.48
(br)	Qk.W	090-W	px	0.27	0.27
(br)	Qk.W	090-W-L	px	0.27	0.27
(bq)	Qk.W	090-W-L	py	-0.48	-0.48
(br)	Qk.W	090-W-R	px	0.27	0.27
(bq)	Qk.W	090-W-R	py	-0.48	-0.48
(bs)	Qk.W	180-W	py	0.77	0.77
(bt)	Qk.W	180-W	px	0.98	0.98
(bs)	Qk.W	180-W-L	py	0.77	0.77
(bt)	Qk.W	180-W-L	px	0.98	0.98
(bs)	Qk.W	180-W-R	py	0.77	0.77
(bt)	Qk.W	180-W-R	px	0.98	0.98

Position	EW	Lastfall	Art	p _{A,MA} [kN/m],[kNm/m]	p _{E,ME}
(bu)	Qk.W	270-W	py	-1.15	-1.15
(bv)	Qk.W	270-W	px	-0.58	-0.58
(bv)	Qk.W	270-W-L	px	-0.58	-0.58
(bu)	Qk.W	270-W-L	py	-1.15	-1.15
(bu)	Qk.W	270-W-R	py	-1.15	-1.15
(bv)	Qk.W	270-W-R	px	-0.58	-0.58
LILA.R-2	Gk	LF-1	pGr	2.00	2.00
(bw)	Qk.W	000-W	px	1.69	1.69
(bw)	Qk.W	000-W-L	px	1.69	1.69
(bw)	Qk.W	000-W-R	px	1.69	1.69
(bx)	Qk.W	090-W	px	0.47	0.47
(bx)	Qk.W	090-W-L	px	0.47	0.47
(bx)	Qk.W	090-W-R	px	0.47	0.47
(by)	Qk.W	180-W	px	1.12	1.12
(by)	Qk.W	180-W-L	px	1.12	1.12
(by)	Qk.W	180-W-R	px	1.12	1.12
(bz)	Qk.W	270-W	px	-1.00	-1.00
(bz)	Qk.W	270-W-L	px	-1.00	-1.00
(bz)	Qk.W	270-W-R	px	-1.00	-1.00
LILA.R-2a	Gk	LF-1	pGr	2.00	2.00
(ca)	Qk.W	000-W	px	1.30	1.30
(ca)	Qk.W	000-W-L	px	1.30	1.30
(ca)	Qk.W	000-W-R	px	1.30	1.30
(cb)	Qk.W	090-W	px	0.48	0.48
(cb)	Qk.W	090-W-L	px	0.48	0.48
(cb)	Qk.W	090-W-R	px	0.48	0.48
(cc)	Qk.W	180-W	px	1.30	1.30
(cc)	Qk.W	180-W-L	px	1.30	1.30
(cc)	Qk.W	180-W-R	px	1.30	1.30
(cd)	Qk.W	270-W	px	-1.02	-1.02
(cd)	Qk.W	270-W-L	px	-1.02	-1.02
(cd)	Qk.W	270-W-R	px	-1.02	-1.02
LILA.R-2b	Gk	LF-1	pGr	2.00	2.00
(ce)	Qk.W	000-W	px	1.72	1.72
(ce)	Qk.W	000-W-L	px	1.72	1.72
(ce)	Qk.W	000-W-R	px	1.72	1.72
(cf)	Qk.W	090-W	px	0.48	0.48
(cf)	Qk.W	090-W-L	px	0.48	0.48
(cf)	Qk.W	090-W-R	px	0.48	0.48
(cg)	Qk.W	180-W	px	1.14	1.14
(cg)	Qk.W	180-W-L	px	1.14	1.14
(cg)	Qk.W	180-W-R	px	1.14	1.14
(ch)	Qk.W	270-W	px	-1.02	-1.02
(ch)	Qk.W	270-W-L	px	-1.02	-1.02
(ch)	Qk.W	270-W-R	px	-1.02	-1.02
LILA.R-3	Gk	LF-1	pGr	2.00	2.00
(ci)	Qk.W	000-W	px	1.14	1.14
(ci)	Qk.W	000-W-L	px	1.14	1.14
(ci)	Qk.W	000-W-R	px	1.14	1.14
(cj)	Qk.W	090-W	px	0.48	0.48
(cj)	Qk.W	090-W-L	px	0.48	0.48

Position	EW	Lastfall	Art	$p_{A,mA}$ [kN/m],[kNm/m]	$p_{E,mE}$
(cj)	Qk.W	090-W-R	px	0.48	0.48
(ck)	Qk.W	180-W	px	1.72	1.72
(ck)	Qk.W	180-W-L	px	1.72	1.72
(ck)	Qk.W	180-W-R	px	1.72	1.72
(cl)	Qk.W	270-W	px	-1.02	-1.02
(cl)	Qk.W	270-W-L	px	-1.02	-1.02
(cl)	Qk.W	270-W-R	px	-1.02	-1.02
LILA.R-4	Gk	LF-1	pGr	2.00	2.00
(cm)	Qk.W	000-W	px	1.12	1.12
(cm)	Qk.W	000-W-L	px	1.12	1.12
(cm)	Qk.W	000-W-R	px	1.12	1.12
(cn)	Qk.W	090-W	px	0.47	0.47
(cn)	Qk.W	090-W-L	px	0.47	0.47
(cn)	Qk.W	090-W-R	px	0.47	0.47
(co)	Qk.W	180-W	px	1.69	1.69
(co)	Qk.W	180-W-L	px	1.69	1.69
(co)	Qk.W	180-W-R	px	1.69	1.69
(cp)	Qk.W	270-W	px	-1.00	-1.00
(cp)	Qk.W	270-W-L	px	-1.00	-1.00
(cp)	Qk.W	270-W-R	px	-1.00	-1.00
px: in globaler x-Richtung					
py: in globaler y-Richtung					
pGr: Gravitationslast; positive Lasten wirken senkrecht nach unten					

(a)	Eigengewicht Treppe	$2.50 \cdot 6.0 / 2 =$	7.50	
(b)	Nutzlast Treppe	$5.0 \cdot 6.0 / 2 =$	15.00	kN/m
(c)	aus Pos. 'WSL' R6S1, D, pAD, Qk.W.000 *(-1)	$1.306 \cdot (-1) =$	-1.31	kN/m
(d)	aus Pos. 'WSL' R6S1, C, pAS, Qk.W.090 *(-1)	$-0.816 \cdot (-1) =$	0.82	kN/m
(e)	aus Pos. 'WSL' R6S1, E, pAS, Qk.W.180 *(-1)	$-0.816 \cdot (-1) =$	0.82	kN/m
(f)	aus Pos. 'WSL' R6S1, C, pAS, Qk.W.270 *(-1)	$-0.240 \cdot (-1) =$	0.24	kN/m
	aus Pos. 'WSL' R6S1, B, pAS, Qk.W.270 *(-1)	$-0.922 \cdot (-1) =$	0.92	kN/m
		=	1.16	kN/m
(g)	aus Pos. 'WSL' R5S1, D, pAD, Qk.W.000 *(-1)	$1.306 \cdot (-1) =$	-1.31	kN/m
(h)	aus Pos. 'WSL' R5S1, C, pAS,			

	Qk.W.090 *(-1)	-0.816*(-1) =	0.82	kN/m
(i)	aus Pos. 'WSL' R5S1, E, pAS, Qk.W.180 *(-1)	-0.816*(-1) =	0.82	kN/m
(j)	aus Pos. 'WSL' R5S1, B, pAS, Qk.W.270 *(-1)	-1.306*(-1) =	1.31	kN/m
(k)	aus Pos. 'WSL' R4S1, D, pAD, Qk.W.000 *(-1)	1.306*(-1) =	-1.31	kN/m
(l)	aus Pos. 'WSL' R4S1, C, pAS, Qk.W.090 *(-1)	-0.816*(-1) =	0.82	kN/m
(m)	aus Pos. 'WSL' R4S1, E, pAS, Qk.W.180 *(-1)	-0.816*(-1) =	0.82	kN/m
(n)	aus Pos. 'WSL' R4S1, B, pAS, Qk.W.270 *(-1)	-1.306*(-1) =	1.31	kN/m
(o)	aus Pos. 'WSL' R3S1, D, pAD, Qk.W.000 *(-1)	1.306*(-1) =	-1.31	kN/m
(p)	aus Pos. 'WSL' R3S1, C, pAS, Qk.W.090 *(-1)	-0.816*(-1) =	0.82	kN/m
(q)	aus Pos. 'WSL' R3S1, E, pAS, Qk.W.180 *(-1)	-0.816*(-1) =	0.82	kN/m
(r)	aus Pos. 'WSL' R3S1, B, pAS, Qk.W.270 *(-1)	-1.306*(-1) =	1.31	kN/m
(s)	aus Pos. 'WSL' R2S1, D, pAD, Qk.W.000 *(-1)	1.306*(-1) =	-1.31	kN/m
(t)	aus Pos. 'WSL' R2S1, C, pAS, Qk.W.090 *(-1)	-0.816*(-1) =	0.82	kN/m
(u)	aus Pos. 'WSL' R2S1, E, pAS, Qk.W.180 *(-1)	-0.816*(-1) =	0.82	kN/m
(v)	aus Pos. 'WSL' R2S1, A, pAS,			

	Qk.W.270 *(-1)	-0.922*(-1) =	0.92	kN/m
	aus Pos. 'WSL' R2S1, B, pAS, Qk.W.270 *(-1)	-0.691*(-1) =	0.69	kN/m
		=	1.61	kN/m
(w)	aus Pos. 'WSL' R1S1, D, pAD, Qk.W.000 *(-1)	0.768*(-1) =	-0.77	kN/m
(x)	aus Pos. 'WSL' GNS7, A, pAS, Qk.W.000 *(-1)	-0.976*(-1) =	0.98	
(y)	aus Pos. 'WSL' R1S1, C, pAS, Qk.W.090 *(-1)	-0.480*(-1) =	0.48	kN/m
(z)	aus Pos. 'WSL' GNS7, E, pAS, Qk.W.090 *(-1)	-0.270*(-1) =	0.27	kN/m
(aa)	aus Pos. 'WSL' R1S1, E, pAS, Qk.W.180 *(-1)	-0.480*(-1) =	0.48	kN/m
(ab)	aus Pos. 'WSL' GNS7, B, pAS, Qk.W.180 *(-1)	-0.646*(-1) =	0.65	kN/m
(ac)	aus Pos. 'WSL' R1S1, A, pAS, Qk.W.270 *(-1)	-1.152*(-1) =	1.15	kN/m
(ad)	aus Pos. 'WSL' GNS7, D, pAD, Qk.W.270 *(-1)	0.579*(-1) =	-0.58	kN/m
(ae)	aus Pos. 'WSL' R8S2, E, pAS, Qk.W.000	-0.816 =	-0.82	kN/m
(af)	aus Pos. 'WSL' R8S2, E, pAS, Qk.W.000	-0.816 =	-0.82	
(ag)	aus Pos. 'WSL' R8S2, C, pAS, Qk.W.090	-0.816 =	-0.82	kN/m
(ah)	aus Pos. 'WSL' R8S2, D, pAD, Qk.W.180	1.306 =	1.31	kN/m

(ai)	aus Pos. 'WSL' R8S2, C, pAS, Qk.W.270	-0.816	=	-0.82	kN/m
(aj)	aus Pos. 'WSL' R7S2, E, pAS, Qk.W.000	-0.816	=	-0.82	kN/m
(ak)	aus Pos. 'WSL' R7S2, E, pAS, Qk.W.000	-0.816	=	-0.82	
(al)	aus Pos. 'WSL' R7S2, C, pAS, Qk.W.090	-0.816	=	-0.82	kN/m
(am)	aus Pos. 'WSL' R7S2, D, pAD, Qk.W.180	1.306	=	1.31	kN/m
(an)	aus Pos. 'WSL' R7S2, C, pAS, Qk.W.270	-0.816	=	-0.82	kN/m
(ao)	aus Pos. 'WSL' R6S2, E, pAS, Qk.W.000	-0.816	=	-0.82	kN/m
(ap)	aus Pos. 'WSL' R6S2, E, pAS, Qk.W.000	-0.816	=	-0.82	
(aq)	aus Pos. 'WSL' R6S2, C, pAS, Qk.W.090	-0.816	=	-0.82	kN/m
(ar)	aus Pos. 'WSL' R6S2, D, pAD, Qk.W.180	1.306	=	1.31	kN/m
(as)	aus Pos. 'WSL' R6S2, C, pAS, Qk.W.270	-0.240	=	-0.24	kN/m
	aus Pos. 'WSL' R6S2, B, pAS, Qk.W.270	-0.922	=	-0.92	kN/m
			=	-1.16	kN/m
(at)	aus Pos. 'WSL' R5S2, E, pAS, Qk.W.000	-0.816	=	-0.82	kN/m
(au)	aus Pos. 'WSL' R5S2, E, pAS, Qk.W.000	-0.816	=	-0.82	

(av)	aus Pos. 'WSL' R5S2, C, pAS, Qk.W.090	-0.816 =	-0.82	kN/m
(aw)	aus Pos. 'WSL' R5S2, D, pAD, Qk.W.180	1.306 =	1.31	kN/m
(ax)	aus Pos. 'WSL' R5S2, B, pAS, Qk.W.270	-1.306 =	-1.31	kN/m
(ay)	aus Pos. 'WSL' R4S2, E, pAS, Qk.W.000	-0.816 =	-0.82	kN/m
(az)	aus Pos. 'WSL' R4S2, E, pAS, Qk.W.000	-0.816 =	-0.82	
(ba)	aus Pos. 'WSL' R4S2, C, pAS, Qk.W.090	-0.816 =	-0.82	kN/m
(bb)	aus Pos. 'WSL' R4S2, D, pAD, Qk.W.180	1.306 =	1.31	kN/m
(bc)	aus Pos. 'WSL' R4S2, B, pAS, Qk.W.270	-1.306 =	-1.31	kN/m
(bd)	aus Pos. 'WSL' R3S2, E, pAS, Qk.W.000	-0.816 =	-0.82	kN/m
(be)	aus Pos. 'WSL' R3S2, E, pAS, Qk.W.000	-0.816 =	-0.82	
(bf)	aus Pos. 'WSL' R3S2, C, pAS, Qk.W.090	-0.816 =	-0.82	kN/m
(bg)	aus Pos. 'WSL' R3S2, D, pAD, Qk.W.180	1.306 =	1.31	kN/m
(bh)	aus Pos. 'WSL' R3S2, B, pAS, Qk.W.270	-1.306 =	-1.31	kN/m
(bi)	aus Pos. 'WSL' R2S2, E, pAS, Qk.W.000	-0.816 =	-0.82	kN/m

(bj)	aus Pos. 'WSL' R2S2, E, pAS, Qk.W.000	-0.816 =	-0.82	
(bk)	aus Pos. 'WSL' R2S2, C, pAS, Qk.W.090	-0.816 =	-0.82	kN/m
(bl)	aus Pos. 'WSL' R2S2, D, pAD, Qk.W.180	1.306 =	1.31	kN/m
(bm)	aus Pos. 'WSL' R2S2, B, pAS, Qk.W.270	-0.691 =	-0.69	kN/m
	aus Pos. 'WSL' R2S2, A, pAS, Qk.W.270	-0.922 =	-0.92	kN/m
		=	-1.61	kN/m
(bn)	aus Pos. 'WSL' R1S2, E, pAS, Qk.W.000	-0.480 =	-0.48	kN/m
(bo)	aus Pos. 'WSL' GNS1, B, pAS, Qk.W.000 *(-1)	-0.646*(-1) =	0.65	
(bp)	aus Pos. 'WSL' R1S2, E, pAS, Qk.W.000	-0.480 =	-0.48	
(bq)	aus Pos. 'WSL' R1S2, C, pAS, Qk.W.090	-0.480 =	-0.48	kN/m
(br)	aus Pos. 'WSL' GNS1, E, pAS, Qk.W.090 *(-1)	-0.270*(-1) =	0.27	kN/m
(bs)	aus Pos. 'WSL' R1S2, D, pAD, Qk.W.180	0.768 =	0.77	kN/m
(bt)	aus Pos. 'WSL' GNS1, A, pAS, Qk.W.180 *(-1)	-0.976*(-1) =	0.98	kN/m
(bu)	aus Pos. 'WSL' R1S2, A, pAS, Qk.W.270	-1.152 =	-1.15	kN/m
(bv)	aus Pos. 'WSL' GNS1, D, pAD, Qk.W.270 *(-1)	0.579*(-1) =	-0.58	kN/m

(bw)	aus Pos. 'WSL' GNS6, A, pAS, Qk.W.000 *(-1)	-1.691*(-1) =	1.69	
(bx)	aus Pos. 'WSL' GNS6, E, pAS, Qk.W.090 *(-1)	-0.468*(-1) =	0.47	kN/m
(by)	aus Pos. 'WSL' GNS6, B, pAS, Qk.W.180 *(-1)	-1.120*(-1) =	1.12	kN/m
(bz)	aus Pos. 'WSL' GNS6, D, pAD, Qk.W.270 *(-1)	1.004*(-1) =	-1.00	kN/m
(ca)	aus Pos. 'WSL' GNS4, A, pAS, Qk.W.000 *(-1)	-0.473*(-1) =	0.47	
	aus Pos. 'WSL' GNS4, B, pAS, Qk.W.000 *(-1)	-0.826*(-1) =	0.83	
		=	1.30	
(cb)	aus Pos. 'WSL' GNS4, E, pAS, Qk.W.090 *(-1)	-0.476*(-1) =	0.48	kN/m
(cc)	aus Pos. 'WSL' GNS4, A, pAS, Qk.W.180 *(-1)	-0.473*(-1) =	0.47	kN/m
	aus Pos. 'WSL' GNS4, B, pAS, Qk.W.180 *(-1)	-0.826*(-1) =	0.83	kN/m
		=	1.30	kN/m
(cd)	aus Pos. 'WSL' GNS4, D, pAD, Qk.W.270 *(-1)	1.021*(-1) =	-1.02	kN/m
(ce)	aus Pos. 'WSL' GNS5, A, pAS, Qk.W.000 *(-1)	-1.720*(-1) =	1.72	
(cf)	aus Pos. 'WSL' GNS5, E, pAS, Qk.W.090 *(-1)	-0.476*(-1) =	0.48	kN/m
(cg)	aus Pos. 'WSL' GNS5, B, pAS, Qk.W.180 *(-1)	-1.139*(-1) =	1.14	kN/m
(ch)	aus Pos. 'WSL' GNS5, D, pAD, Qk.W.270 *(-1)	1.021*(-1) =	-1.02	kN/m

(ci)	aus Pos. 'WSL' GNS3, B, pAS, Qk.W.000 *(-1)	$-1.139 * (-1) =$	1.14	
(cj)	aus Pos. 'WSL' GNS3, E, pAS, Qk.W.090 *(-1)	$-0.476 * (-1) =$	0.48	kN/m
(ck)	aus Pos. 'WSL' GNS3, A, pAS, Qk.W.180 *(-1)	$-1.720 * (-1) =$	1.72	kN/m
(cl)	aus Pos. 'WSL' GNS3, D, pAD, Qk.W.270 *(-1)	$1.021 * (-1) =$	-1.02	kN/m
(cm)	aus Pos. 'WSL' GNS2, B, pAS, Qk.W.000 *(-1)	$-1.120 * (-1) =$	1.12	
(cn)	aus Pos. 'WSL' GNS2, E, pAS, Qk.W.090 *(-1)	$-0.468 * (-1) =$	0.47	kN/m
(co)	aus Pos. 'WSL' GNS2, A, pAS, Qk.W.180 *(-1)	$-1.691 * (-1) =$	1.69	kN/m
(cp)	aus Pos. 'WSL' GNS2, D, pAD, Qk.W.270 *(-1)	$1.004 * (-1) =$	-1.00	kN/m

Geschoss: UG

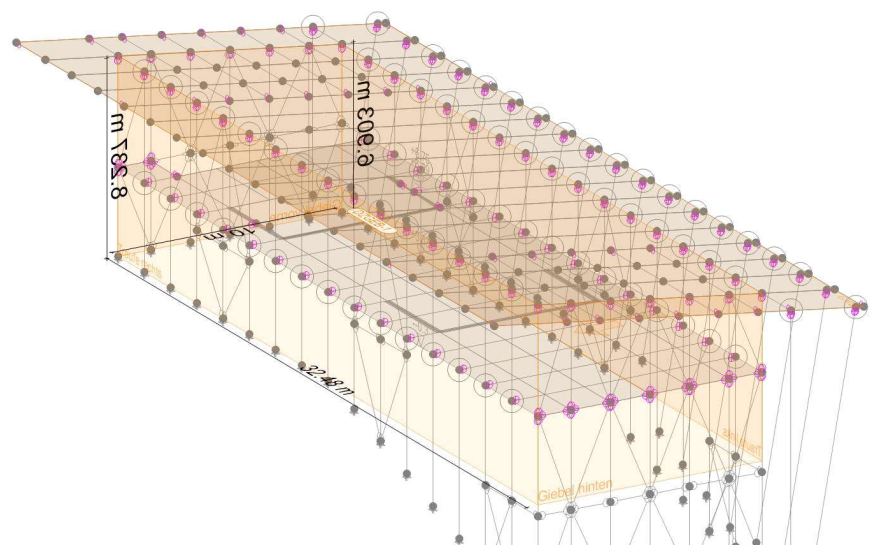
Untergeschoss, Niveau z = -0.32 m

Lastmodell Gebäudehülle

Lastmodell Gebäudehülle DZGEB-1

System

Grundwerte zum Lastmodell Gebäudehülle



Abmessungen	Ursprung	x	=	-16.24	m
	(Giebel vorne)	y	=	5.00	m
		z	=	-0.32	m
		Winkel	=	270.00	°
	Giebelbreite		=	10.00	m
Geograf. Angaben	Traußlänge		=	32.48	m
	Firsthöhe		=	8.24	m
	Geländehöhe über N.N.		=	400	m
	Windzone	Wz	=	2	
	Standort	Binnenland			
Geometrie	Schneelastzone	Slz	=	2a	
	Pulldach				
	Dachneigung		=	7.59	°
	Dachüberstand Traufe links (mit Unterwind)		=	3.25	m
	Dachüberstand Traufe rechts (mit Unterwind)		=	3.25	m
Öffnungen	Dachüberstand Giebel vorne (mit Unterwind)		=	2.27	m
	Dachüberstand Giebel hinten (mit Unterwind)		=	2.27	m
	geschlossene Wände				
Eigenlasten	Eigengewicht für Dach- und Fassadenaufbau				
	Dach		=	2.00	kN/m ²
	Fassade		=	2.00	kN/m ²
Windlasten	Windlastermittlung nach DIN EN 1991-1-4 Ermittlung mit vereinf. Annahmen nach NA.B.3.2				
	Geschwindigkeitsdruck	q _p	=	0.65	kN/m ²
	Anströmrichtung 0°	Traufe links			
Schneelasten	Schneelastermittlung nach DIN EN 1991-1-3				
	char. Schneelast	s _k	=	1.52	kN/m ²
	Formbeiwert der Schneelast	μ	=	0.80	

Gebäudehülle

Außenflächen der Gebäudehülle

Traufe links

Belastungen auf die linke Traufseite

Die folgenden Lasten werden generiert:

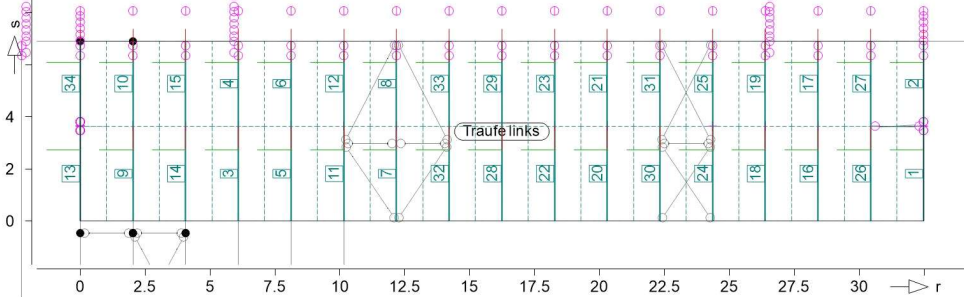
- Eigenlasten
- Windlasten

Die Lasten der Fläche werden linienförmig verteilt.

Hierbei werden über Einflussbreiten die Flächenlasten den Lastverteilungslinien zugeordnet. Lasten außerhalb der Einflussbreiten bleiben unberücksichtigt.

Positionsgrafik

Übersicht der Lastverteilungslinien



Verteilungslinien

Nr.	Koordinaten		Einflussbreite	
	r [m]	s [m]	links [m]	rechts [m]
1	0.00	0.00	0.00	1.02
	0.00	3.65		
2	0.00	3.65	0.00	1.02
	0.00	6.90		
3	2.03	0.00	1.02	1.02
	2.03	3.65		
4	2.03	3.65	1.02	1.02
	2.03	6.90		
5	4.06	0.00	1.02	1.02
	4.06	3.65		
6	4.06	3.65	1.02	1.02
	4.06	6.90		
7	6.09	0.00	1.02	1.02
	6.09	3.65		
8	6.09	3.65	1.02	1.02
	6.09	6.90		
9	8.12	0.00	1.02	1.02
	8.12	3.65		
10	8.12	3.65	1.02	1.02
	8.12	6.90		
11	10.15	0.00	1.02	1.02
	10.15	3.65		
12	10.15	3.65	1.02	1.02
	10.15	6.90		
13	12.18	0.00	1.02	1.02
	12.18	3.65		
14	12.18	3.65	1.02	1.02
	12.18	6.90		

Nr.	Koordinaten		Einflussbreite	
	r [m]	s [m]	links [m]	rechts [m]
15	14.21	0.00	1.02	1.02
	14.21	3.65		
16	14.21	3.65	1.02	1.02
	14.21	6.90		
17	16.24	0.00	1.02	1.02
	16.24	3.65		
18	16.24	3.65	1.02	1.02
	16.24	6.90		
19	18.27	0.00	1.02	1.02
	18.27	3.65		
20	18.27	3.65	1.02	1.02
	18.27	6.90		
21	20.30	0.00	1.02	1.02
	20.30	3.65		
22	20.30	3.65	1.02	1.02
	20.30	6.90		
23	22.33	0.00	1.02	1.02
	22.33	3.65		
24	22.33	3.65	1.02	1.02
	22.33	6.90		
25	24.36	0.00	1.02	1.02
	24.36	3.65		
26	24.36	3.65	1.02	1.02
	24.36	6.90		
27	26.39	0.00	1.02	1.02
	26.39	3.65		
28	26.39	3.65	1.02	1.02
	26.39	6.90		
29	28.42	0.00	1.02	1.02
	28.42	3.65		
30	28.42	3.65	1.02	1.02
	28.42	6.90		
31	30.45	0.00	1.02	1.02
	30.45	3.65		
32	30.45	3.65	1.02	1.02
	30.45	6.90		
33	32.48	0.00	1.02	0.00
	32.48	3.65		
34	32.48	3.65	1.02	0.00
	32.48	6.90		

Eigenlasten

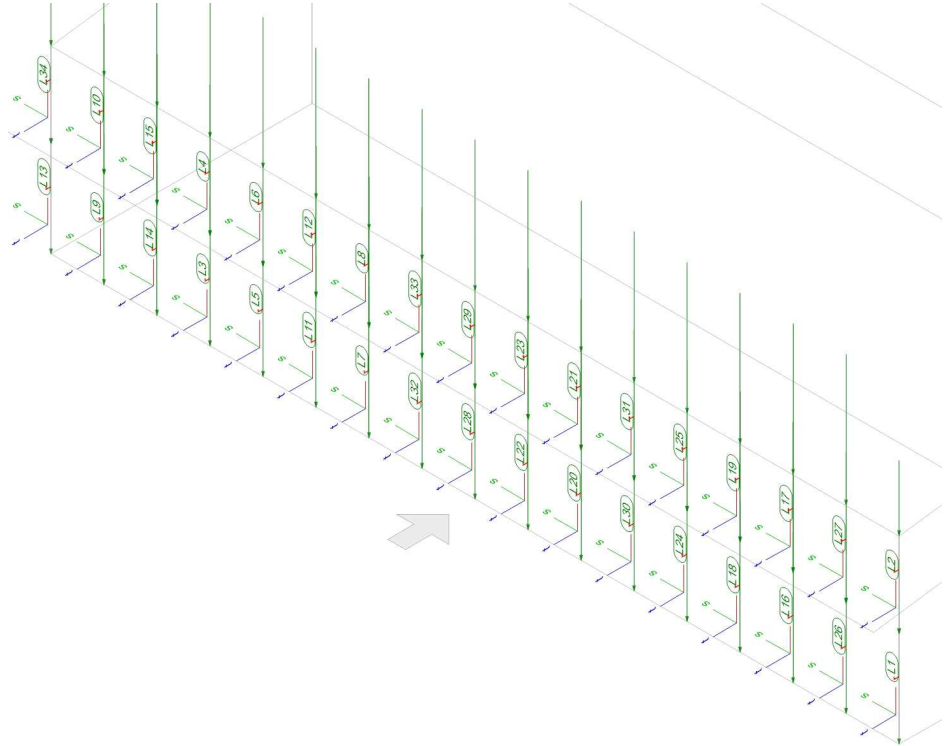
LF: LF-1

Verteilte Lasten

Belastungen infolge Eigenlasten

Eigengewicht

Übersicht der verteilten Lasten



Linienlasten

Bez.	x1	y1	z1	Last
	x2	y2	z2	
	[m]	[m]	[m]	
L1	-16.24	5.00	-0.32	2.03
	-16.24	5.00	3.33	
L2	-16.24	5.00	3.33	2.03
	-16.24	5.00	6.58	
L3	10.15	5.00	-0.32	4.06
	10.15	5.00	3.33	
L4	10.15	5.00	3.33	4.06
	10.15	5.00	6.58	
L5	8.12	5.00	-0.32	4.06
	8.12	5.00	3.33	
L6	8.12	5.00	3.33	4.06
	8.12	5.00	6.58	
L7	4.06	5.00	-0.32	4.06
	4.06	5.00	3.33	
L8	4.06	5.00	3.33	4.06
	4.06	5.00	6.58	
L9	14.21	5.00	-0.32	4.06
	14.21	5.00	3.33	
L10	14.21	5.00	3.33	4.06
	14.21	5.00	6.58	
L11	6.09	5.00	-0.32	4.06
	6.09	5.00	3.33	
L12	6.09	5.00	3.33	4.06

Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]
	6.09	5.00	6.58	
L13	16.24	5.00	-0.32	2.03
	16.24	5.00	3.33	
L14	12.18	5.00	-0.32	4.06
	12.18	5.00	3.33	
L15	12.18	5.00	3.33	4.06
	12.18	5.00	6.58	
L16	-12.18	5.00	-0.32	4.06
	-12.18	5.00	3.33	
L17	-12.18	5.00	3.33	4.06
	-12.18	5.00	6.58	
L18	-10.15	5.00	-0.32	4.06
	-10.15	5.00	3.33	
L19	-10.15	5.00	3.33	4.06
	-10.15	5.00	6.58	
L20	-4.06	5.00	-0.32	4.06
	-4.06	5.00	3.33	
L21	-4.06	5.00	3.33	4.06
	-4.06	5.00	6.58	
L22	-2.03	5.00	-0.32	4.06
	-2.03	5.00	3.33	
L23	-2.03	5.00	3.33	4.06
	-2.03	5.00	6.58	
L24	-8.12	5.00	-0.32	4.06
	-8.12	5.00	3.33	
L25	-8.12	5.00	3.33	4.06
	-8.12	5.00	6.58	
L26	-14.21	5.00	-0.32	4.06
	-14.21	5.00	3.33	
L27	-14.21	5.00	3.33	4.06
	-14.21	5.00	6.58	
L28	0.00	5.00	-0.32	4.06
	0.00	5.00	3.33	
L29	0.00	5.00	3.33	4.06
	0.00	5.00	6.58	
L30	-6.09	5.00	-0.32	4.06
	-6.09	5.00	3.33	
L31	-6.09	5.00	3.33	4.06
	-6.09	5.00	6.58	
L32	2.03	5.00	-0.32	4.06
	2.03	5.00	3.33	
L33	2.03	5.00	3.33	4.06
	2.03	5.00	6.58	
L34	16.24	5.00	3.33	2.03
	16.24	5.00	6.58	

Windlasten

LF: 000-W

Lastbereiche

Belastungen infolge Wind

Windlasten, Anströmrichtung 0°

Bereiche der Windbelastung

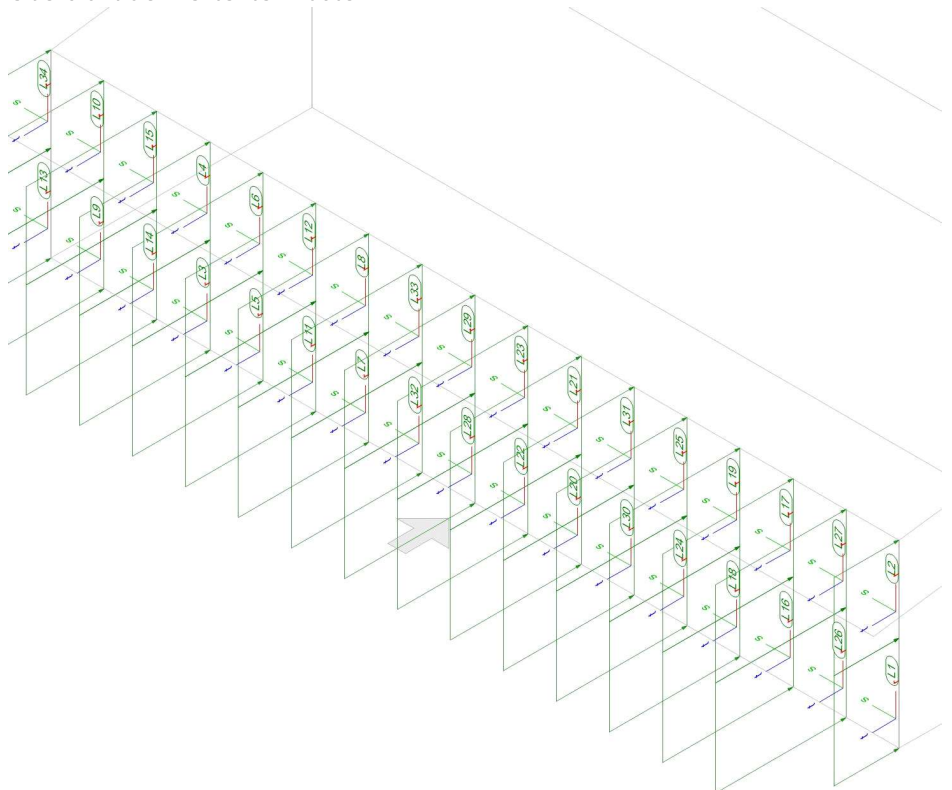


Bereich D

Lastgröße			pt	=	-0.50	kN/m ²
r	=	32.48	0.00	0.00	32.48	m
s	=	6.90	6.90	0.00	0.00	m

Verteilte Lasten

Übersicht der verteilten Lasten



Linienlasten

Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
L1	-16.24	5.00	-0.32	-0.51	D
	-16.24	5.00	3.33		
L2	-16.24	5.00	3.33	-0.51	D
	-16.24	5.00	6.58		
L3	10.15	5.00	-0.32	-1.02	D
	10.15	5.00	3.33		
L4	10.15	5.00	3.33	-1.02	D
	10.15	5.00	6.58		

Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
L5	8.12	5.00	-0.32	-1.02	D
	8.12	5.00	3.33		
L6	8.12	5.00	3.33	-1.02	D
	8.12	5.00	6.58		
L7	4.06	5.00	-0.32	-1.02	D
	4.06	5.00	3.33		
L8	4.06	5.00	3.33	-1.02	D
	4.06	5.00	6.58		
L9	14.21	5.00	-0.32	-1.02	D
	14.21	5.00	3.33		
L10	14.21	5.00	3.33	-1.02	D
	14.21	5.00	6.58		
L11	6.09	5.00	-0.32	-1.02	D
	6.09	5.00	3.33		
L12	6.09	5.00	3.33	-1.02	D
	6.09	5.00	6.58		
L13	16.24	5.00	-0.32	-0.51	D
	16.24	5.00	3.33		
L14	12.18	5.00	-0.32	-1.02	D
	12.18	5.00	3.33		
L15	12.18	5.00	3.33	-1.02	D
	12.18	5.00	6.58		
L16	-12.18	5.00	-0.32	-1.02	D
	-12.18	5.00	3.33		
L17	-12.18	5.00	3.33	-1.02	D
	-12.18	5.00	6.58		
L18	-10.15	5.00	-0.32	-1.02	D
	-10.15	5.00	3.33		
L19	-10.15	5.00	3.33	-1.02	D
	-10.15	5.00	6.58		
L20	-4.06	5.00	-0.32	-1.02	D
	-4.06	5.00	3.33		
L21	-4.06	5.00	3.33	-1.02	D
	-4.06	5.00	6.58		
L22	-2.03	5.00	-0.32	-1.02	D
	-2.03	5.00	3.33		
L23	-2.03	5.00	3.33	-1.02	D
	-2.03	5.00	6.58		
L24	-8.12	5.00	-0.32	-1.02	D
	-8.12	5.00	3.33		
L25	-8.12	5.00	3.33	-1.02	D
	-8.12	5.00	6.58		
L26	-14.21	5.00	-0.32	-1.02	D
	-14.21	5.00	3.33		
L27	-14.21	5.00	3.33	-1.02	D
	-14.21	5.00	6.58		
L28	0.00	5.00	-0.32	-1.02	D
	0.00	5.00	3.33		
L29	0.00	5.00	3.33	-1.02	D
	0.00	5.00	6.58		

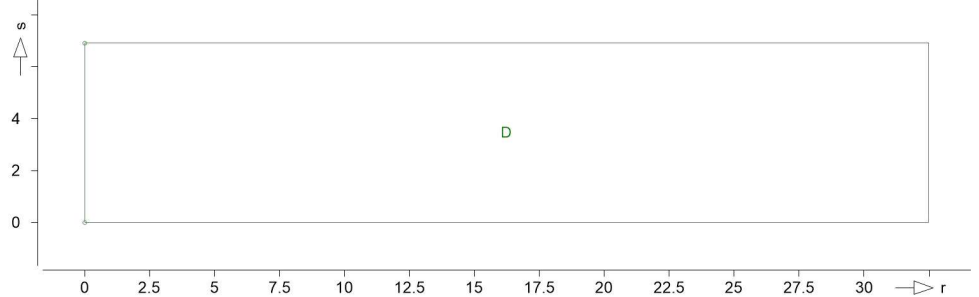
Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
L30	-6.09	5.00	-0.32	-1.02	D
	-6.09	5.00	3.33		
L31	-6.09	5.00	3.33	-1.02	D
	-6.09	5.00	6.58		
L32	2.03	5.00	-0.32	-1.02	D
	2.03	5.00	3.33		
L33	2.03	5.00	3.33	-1.02	D
	2.03	5.00	6.58		
L34	16.24	5.00	3.33	-0.51	D
	16.24	5.00	6.58		

LF: 000-W-L

Windlasten, Anströmrichtung 0°

Lastbereiche

Bereiche der Windbelastung

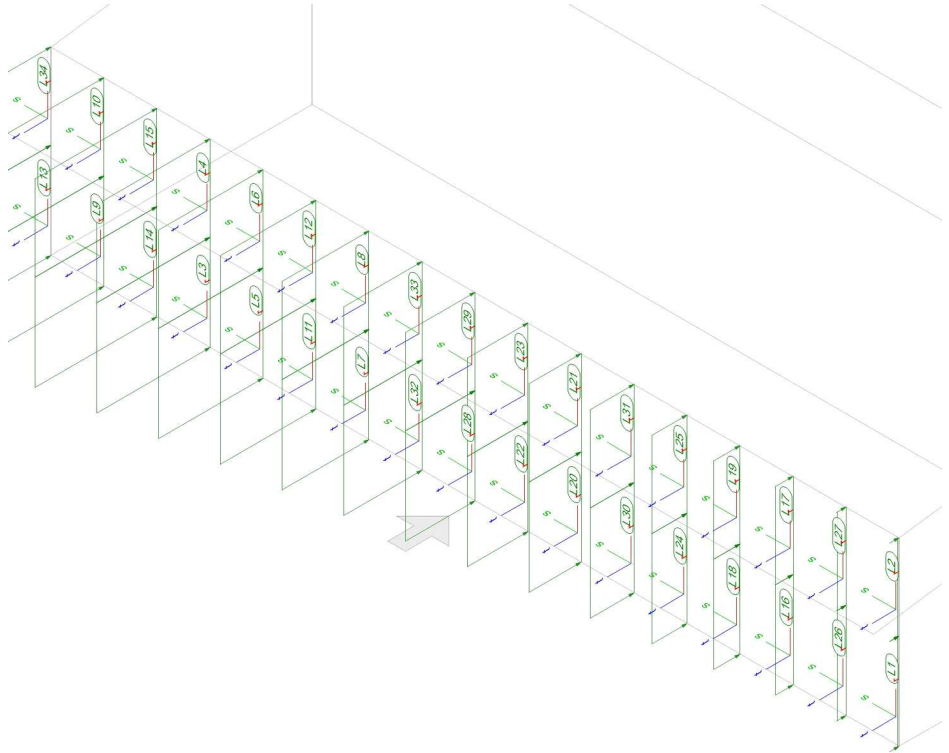


Bereich D

r	=	32.48	0.00	0.00	32.48 m
s	=	6.90	6.90	0.00	0.00 m
pt	=	0.00	-0.50	-0.50	0.00 kN/m ²

Verteilte Lasten

Übersicht der verteilten Lasten



Linienlasten

Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
L1	-16.24 -16.24	5.00 5.00	-0.32 3.33	-0.01	D
L2	-16.24 -16.24	5.00 5.00	3.33 6.58	-0.01	D
L3	10.15 10.15	5.00 5.00	-0.32 3.33	-0.83	D
L4	10.15 10.15	5.00 5.00	3.33 6.58	-0.83	D
L5	8.12 8.12	5.00 5.00	-0.32 3.33	-0.77	D
L6	8.12 8.12	5.00 5.00	3.33 6.58	-0.77	D
L7	4.06 4.06	5.00 5.00	-0.32 3.33	-0.64	D
L8	4.06 4.06	5.00 5.00	3.33 6.58	-0.64	D
L9	14.21 14.21	5.00 5.00	-0.32 3.33	-0.96	D
L10	14.21 14.21	5.00 5.00	3.33 6.58	-0.96	D
L11	6.09 6.09	5.00 5.00	-0.32 3.33	-0.70	D
L12	6.09 6.09	5.00 5.00	3.33 6.58	-0.70	D
L13	16.24 16.24	5.00 5.00	-0.32 3.33	-0.50	D

Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
L14	12.18	5.00	-0.32	-0.90	D
	12.18	5.00	3.33		
L15	12.18	5.00	3.33	-0.90	D
	12.18	5.00	6.58		
L16	-12.18	5.00	-0.32	-0.13	D
	-12.18	5.00	3.33		
L17	-12.18	5.00	3.33	-0.13	D
	-12.18	5.00	6.58		
L18	-10.15	5.00	-0.32	-0.19	D
	-10.15	5.00	3.33		
L19	-10.15	5.00	3.33	-0.19	D
	-10.15	5.00	6.58		
L20	-4.06	5.00	-0.32	-0.38	D
	-4.06	5.00	3.33		
L21	-4.06	5.00	3.33	-0.38	D
	-4.06	5.00	6.58		
L22	-2.03	5.00	-0.32	-0.45	D
	-2.03	5.00	3.33		
L23	-2.03	5.00	3.33	-0.45	D
	-2.03	5.00	6.58		
L24	-8.12	5.00	-0.32	-0.26	D
	-8.12	5.00	3.33		
L25	-8.12	5.00	3.33	-0.26	D
	-8.12	5.00	6.58		
L26	-14.21	5.00	-0.32	-0.06	D
	-14.21	5.00	3.33		
L27	-14.21	5.00	3.33	-0.06	D
	-14.21	5.00	6.58		
L28	0.00	5.00	-0.32	-0.51	D
	0.00	5.00	3.33		
L29	0.00	5.00	3.33	-0.51	D
	0.00	5.00	6.58		
L30	-6.09	5.00	-0.32	-0.32	D
	-6.09	5.00	3.33		
L31	-6.09	5.00	3.33	-0.32	D
	-6.09	5.00	6.58		
L32	2.03	5.00	-0.32	-0.58	D
	2.03	5.00	3.33		
L33	2.03	5.00	3.33	-0.58	D
	2.03	5.00	6.58		
L34	16.24	5.00	3.33	-0.50	D
	16.24	5.00	6.58		

LF: 000-W-R

Windlasten, Anströmrichtung 0°

Lastbereiche

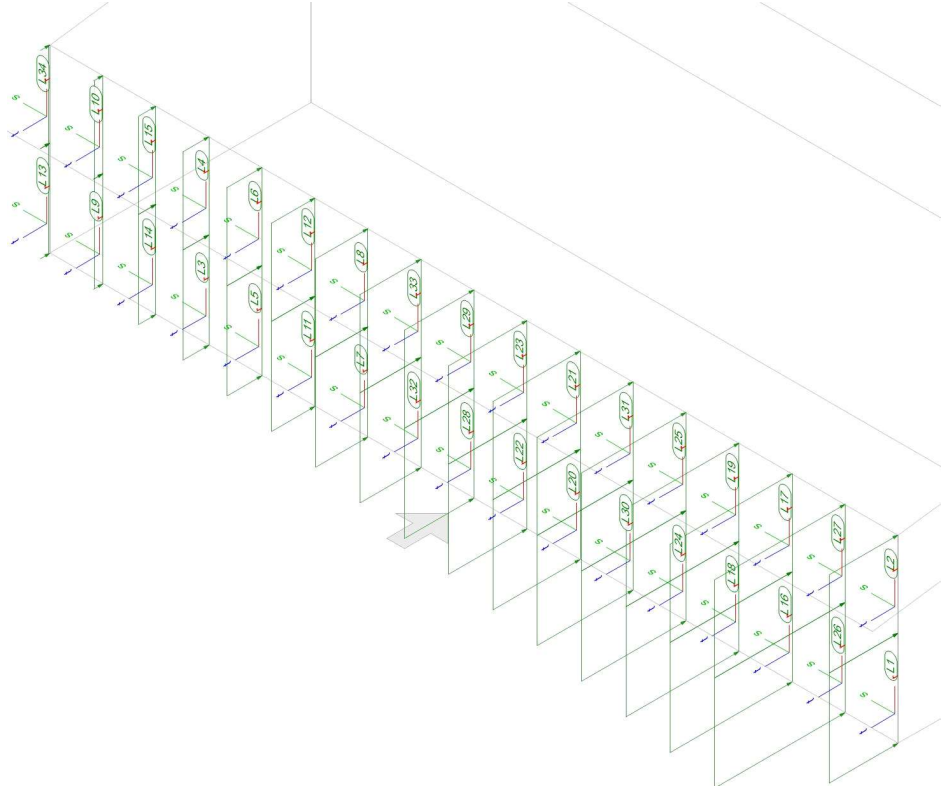
Bereiche der Windbelastung

**Bereich D**

r	=	32.48	0.00	0.00	32.48	m
s	=	6.90	6.90	0.00	0.00	m
pt	=	-0.50	0.00	0.00	-0.50	kN/m ²

Verteilte Lasten

Übersicht der verteilten Lasten



Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
	8.12	5.00	3.33		
L6	8.12	5.00	3.33	-0.26	D
	8.12	5.00	6.58		
L7	4.06	5.00	-0.32	-0.38	D
	4.06	5.00	3.33		
L8	4.06	5.00	3.33	-0.38	D
	4.06	5.00	6.58		
L9	14.21	5.00	-0.32	-0.06	D
	14.21	5.00	3.33		
L10	14.21	5.00	3.33	-0.06	D
	14.21	5.00	6.58		
L11	6.09	5.00	-0.32	-0.32	D
	6.09	5.00	3.33		
L12	6.09	5.00	3.33	-0.32	D
	6.09	5.00	6.58		
L13	16.24	5.00	-0.32	-0.01	D
	16.24	5.00	3.33		
L14	12.18	5.00	-0.32	-0.13	D
	12.18	5.00	3.33		
L15	12.18	5.00	3.33	-0.13	D
	12.18	5.00	6.58		
L16	-12.18	5.00	-0.32	-0.90	D
	-12.18	5.00	3.33		
L17	-12.18	5.00	3.33	-0.90	D
	-12.18	5.00	6.58		
L18	-10.15	5.00	-0.32	-0.83	D
	-10.15	5.00	3.33		
L19	-10.15	5.00	3.33	-0.83	D
	-10.15	5.00	6.58		
L20	-4.06	5.00	-0.32	-0.64	D
	-4.06	5.00	3.33		
L21	-4.06	5.00	3.33	-0.64	D
	-4.06	5.00	6.58		
L22	-2.03	5.00	-0.32	-0.58	D
	-2.03	5.00	3.33		
L23	-2.03	5.00	3.33	-0.58	D
	-2.03	5.00	6.58		
L24	-8.12	5.00	-0.32	-0.77	D
	-8.12	5.00	3.33		
L25	-8.12	5.00	3.33	-0.77	D
	-8.12	5.00	6.58		
L26	-14.21	5.00	-0.32	-0.96	D
	-14.21	5.00	3.33		
L27	-14.21	5.00	3.33	-0.96	D
	-14.21	5.00	6.58		
L28	0.00	5.00	-0.32	-0.51	D
	0.00	5.00	3.33		
L29	0.00	5.00	3.33	-0.51	D
	0.00	5.00	6.58		
L30	-6.09	5.00	-0.32	-0.70	D

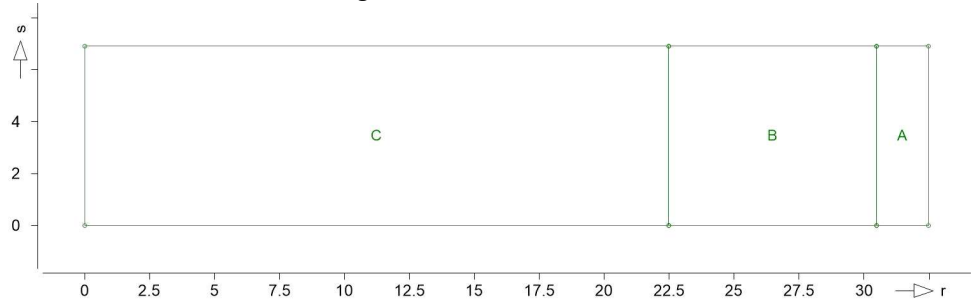
Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
L31	-6.09	5.00	3.33	-0.70	D
L32	-6.09	5.00	6.58	-0.45	D
L33	2.03	5.00	-0.32	-0.45	D
L34	2.03	5.00	3.33	-0.01	D
	2.03	5.00	6.58		
	16.24	5.00	3.33		
	16.24	5.00	6.58		

LF: 090-W

Windlasten, Anströmrichtung 90°

Lastbereiche

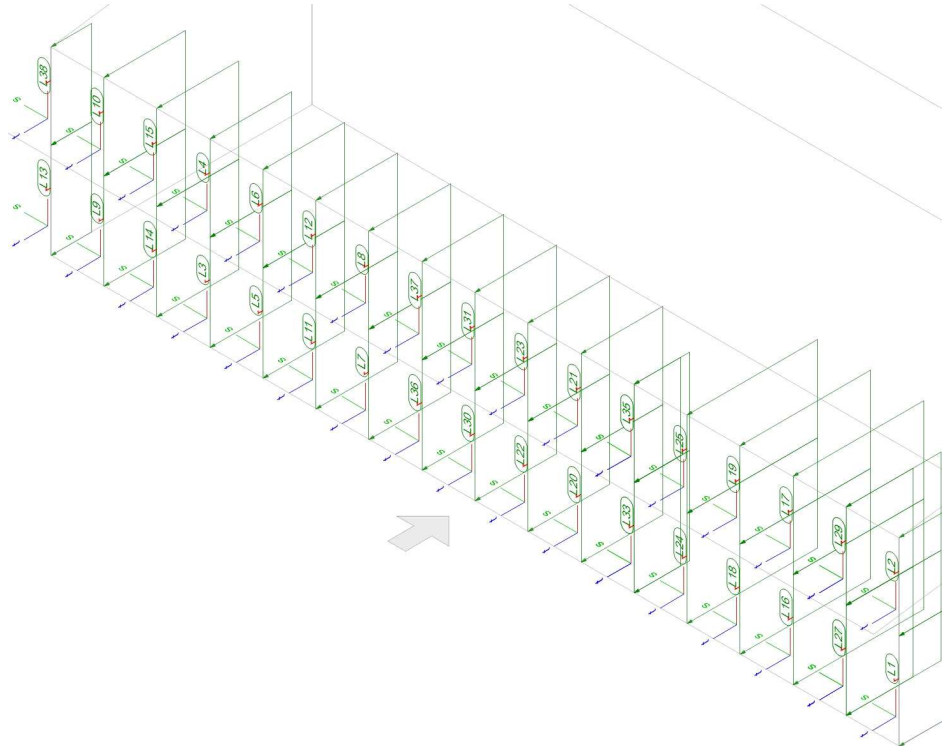
Bereiche der Windbelastung



Bereich A	Lastgröße	pt	=	0.78	kN/m ²
	r =	32.48	30.48	30.48	32.48 m
	s =	6.90	6.90	0.00	0.00 m
Bereich B	Lastgröße	pt	=	0.52	kN/m ²
	r =	30.48	22.48	22.48	30.48 m
	s =	6.90	6.90	0.00	0.00 m
Bereich C	Lastgröße	pt	=	0.33	kN/m ²
	r =	22.48	0.00	0.00	22.48 m
	s =	6.90	6.90	0.00	0.00 m

Verteilte Lasten

Übersicht der verteilten Lasten



Linienlasten

Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
L1	-16.24 -16.24	5.00 5.00	-0.32 3.33	0.79	A
L2	-16.24 -16.24	5.00 5.00	3.33 6.58	0.79	A
L3	10.15 10.15	5.00 5.00	-0.32 3.33	0.66	C
L4	10.15 10.15	5.00 5.00	3.33 6.58	0.66	C
L5	8.12 8.12	5.00 5.00	-0.32 3.33	0.66	C
L6	8.12 8.12	5.00 5.00	3.33 6.58	0.66	C
L7	4.06 4.06	5.00 5.00	-0.32 3.33	0.66	C
L8	4.06 4.06	5.00 5.00	3.33 6.58	0.66	C
L9	14.21 14.21	5.00 5.00	-0.32 3.33	0.66	C
L10	14.21 14.21	5.00 5.00	3.33 6.58	0.66	C
L11	6.09 6.09	5.00 5.00	-0.32 3.33	0.66	C
L12	6.09 6.09	5.00 5.00	3.33 6.58	0.66	C
L13	16.24 16.24	5.00 5.00	-0.32 3.33	0.33	C

Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
L14	12.18	5.00	-0.32	0.66	C
	12.18	5.00	3.33		
L15	12.18	5.00	3.33	0.66	C
	12.18	5.00	6.58		
L16	-12.18	5.00	-0.32	1.06	B
	-12.18	5.00	3.33		
L17	-12.18	5.00	3.33	1.06	B
	-12.18	5.00	6.58		
L18	-10.15	5.00	-0.32	1.06	B
	-10.15	5.00	3.33		
L19	-10.15	5.00	3.33	1.06	B
	-10.15	5.00	6.58		
L20	-4.06	5.00	-0.32	0.66	C
	-4.06	5.00	3.33		
L21	-4.06	5.00	3.33	0.66	C
	-4.06	5.00	6.58		
L22	-2.03	5.00	-0.32	0.66	C
	-2.03	5.00	3.33		
L23	-2.03	5.00	3.33	0.66	C
	-2.03	5.00	6.58		
L24	-8.12	5.00	-0.32	1.06	B
	-8.12	5.00	3.33		
L25	-8.12	5.00	3.33	1.06	B
	-8.12	5.00	6.58		
L26	-14.21	5.00	-0.32	0.54	B
	-14.21	5.00	3.33		
L27	-14.21	5.00	-0.32	0.77	A
	-14.21	5.00	3.33		
L28	-14.21	5.00	3.33	0.54	B
	-14.21	5.00	6.58		
L29	-14.21	5.00	3.33	0.77	A
	-14.21	5.00	6.58		
L30	0.00	5.00	-0.32	0.66	C
	0.00	5.00	3.33		
L31	0.00	5.00	3.33	0.66	C
	0.00	5.00	6.58		
L32	-6.09	5.00	-0.32	0.38	C
	-6.09	5.00	3.33		
L33	-6.09	5.00	-0.32	0.45	B
	-6.09	5.00	3.33		
L34	-6.09	5.00	3.33	0.38	C
	-6.09	5.00	6.58		
L35	-6.09	5.00	3.33	0.45	B
	-6.09	5.00	6.58		
L36	2.03	5.00	-0.32	0.66	C
	2.03	5.00	3.33		
L37	2.03	5.00	3.33	0.66	C
	2.03	5.00	6.58		
L38	16.24	5.00	3.33	0.33	C
	16.24	5.00	6.58		

LF: 090-W-L

Windlasten, Anströmrichtung 90°

Lastbereiche

Bereiche der Windbelastung



Bereich A

Lastgröße pt = 0.78 kN/m²

r = 32.48 30.48 30.48 32.48 m

s = 6.90 6.90 0.00 0.00 m

Bereich B

Lastgröße pt = 0.52 kN/m²

r = 30.48 22.48 22.48 30.48 m

s = 6.90 6.90 0.00 0.00 m

Bereich C

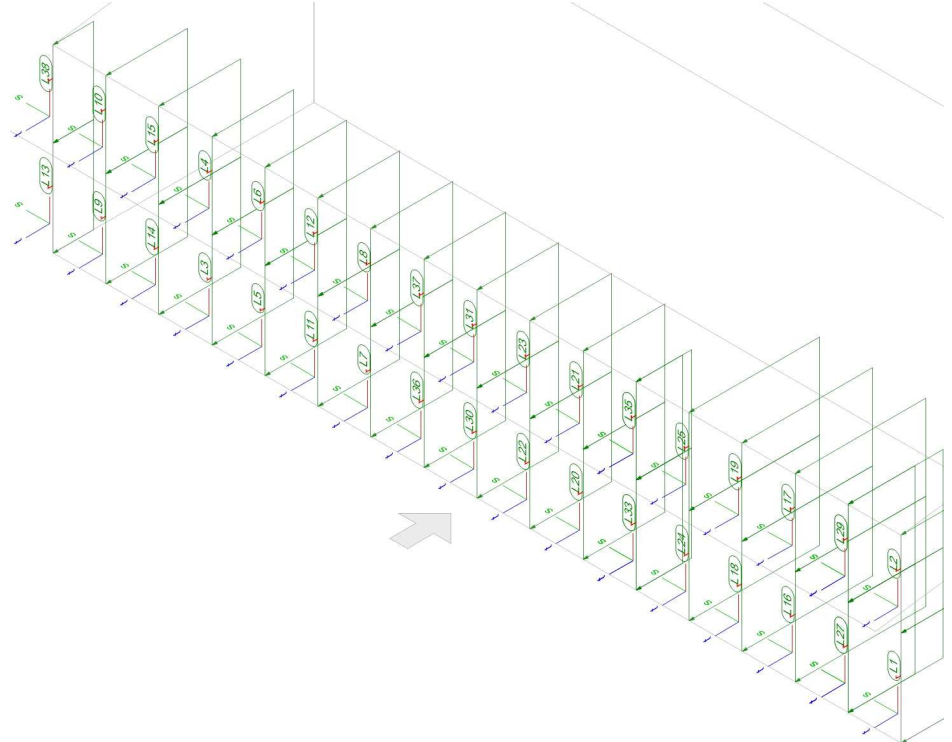
Lastgröße pt = 0.33 kN/m²

r = 22.48 0.00 0.00 22.48 m

s = 6.90 6.90 0.00 0.00 m

Verteilte Lasten

Übersicht der verteilten Lasten



Linienlasten

Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
L1	-16.24	5.00	-0.32	0.79	A
	-16.24	5.00	3.33		
L2	-16.24	5.00	3.33	0.79	A
	-16.24	5.00	6.58		

Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
L3	10.15	5.00	-0.32	0.66	C
	10.15	5.00	3.33		
L4	10.15	5.00	3.33	0.66	C
	10.15	5.00	6.58		
L5	8.12	5.00	-0.32	0.66	C
	8.12	5.00	3.33		
L6	8.12	5.00	3.33	0.66	C
	8.12	5.00	6.58		
L7	4.06	5.00	-0.32	0.66	C
	4.06	5.00	3.33		
L8	4.06	5.00	3.33	0.66	C
	4.06	5.00	6.58		
L9	14.21	5.00	-0.32	0.66	C
	14.21	5.00	3.33		
L10	14.21	5.00	3.33	0.66	C
	14.21	5.00	6.58		
L11	6.09	5.00	-0.32	0.66	C
	6.09	5.00	3.33		
L12	6.09	5.00	3.33	0.66	C
	6.09	5.00	6.58		
L13	16.24	5.00	-0.32	0.33	C
	16.24	5.00	3.33		
L14	12.18	5.00	-0.32	0.66	C
	12.18	5.00	3.33		
L15	12.18	5.00	3.33	0.66	C
	12.18	5.00	6.58		
L16	-12.18	5.00	-0.32	1.06	B
	-12.18	5.00	3.33		
L17	-12.18	5.00	3.33	1.06	B
	-12.18	5.00	6.58		
L18	-10.15	5.00	-0.32	1.06	B
	-10.15	5.00	3.33		
L19	-10.15	5.00	3.33	1.06	B
	-10.15	5.00	6.58		
L20	-4.06	5.00	-0.32	0.66	C
	-4.06	5.00	3.33		
L21	-4.06	5.00	3.33	0.66	C
	-4.06	5.00	6.58		
L22	-2.03	5.00	-0.32	0.66	C
	-2.03	5.00	3.33		
L23	-2.03	5.00	3.33	0.66	C
	-2.03	5.00	6.58		
L24	-8.12	5.00	-0.32	1.06	B
	-8.12	5.00	3.33		
L25	-8.12	5.00	3.33	1.06	B
	-8.12	5.00	6.58		
L26	-14.21	5.00	-0.32	0.54	B
	-14.21	5.00	3.33		
L27	-14.21	5.00	-0.32	0.77	A
	-14.21	5.00	3.33		

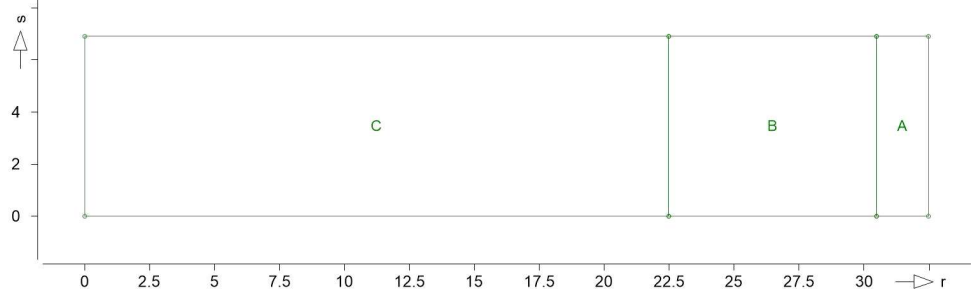
Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
L28	-14.21 -14.21	5.00 5.00	3.33 6.58	0.54	B
L29	-14.21 -14.21	5.00 5.00	3.33 6.58	0.77	A
L30	0.00 0.00	5.00 5.00	-0.32 3.33	0.66	C
L31	0.00 0.00	5.00 5.00	3.33 6.58	0.66	C
L32	-6.09 -6.09	5.00 5.00	-0.32 3.33	0.38	C
L33	-6.09 -6.09	5.00 5.00	-0.32 3.33	0.45	B
L34	-6.09 -6.09	5.00 5.00	3.33 6.58	0.38	C
L35	-6.09 -6.09	5.00 5.00	3.33 6.58	0.45	B
L36	2.03 2.03	5.00 5.00	-0.32 3.33	0.66	C
L37	2.03 2.03	5.00 5.00	3.33 6.58	0.66	C
L38	16.24 16.24	5.00 5.00	3.33 6.58	0.33	C

LF: 090-W-R

Windlasten, Anströmrichtung 90°

Lastbereiche

Bereiche der Windbelastung



Bereich A

Lastgröße	pt	=	0.78	kN/m ²
r =	32.48	30.48	30.48	32.48 m
s =	6.90	6.90	0.00	0.00 m

Bereich B

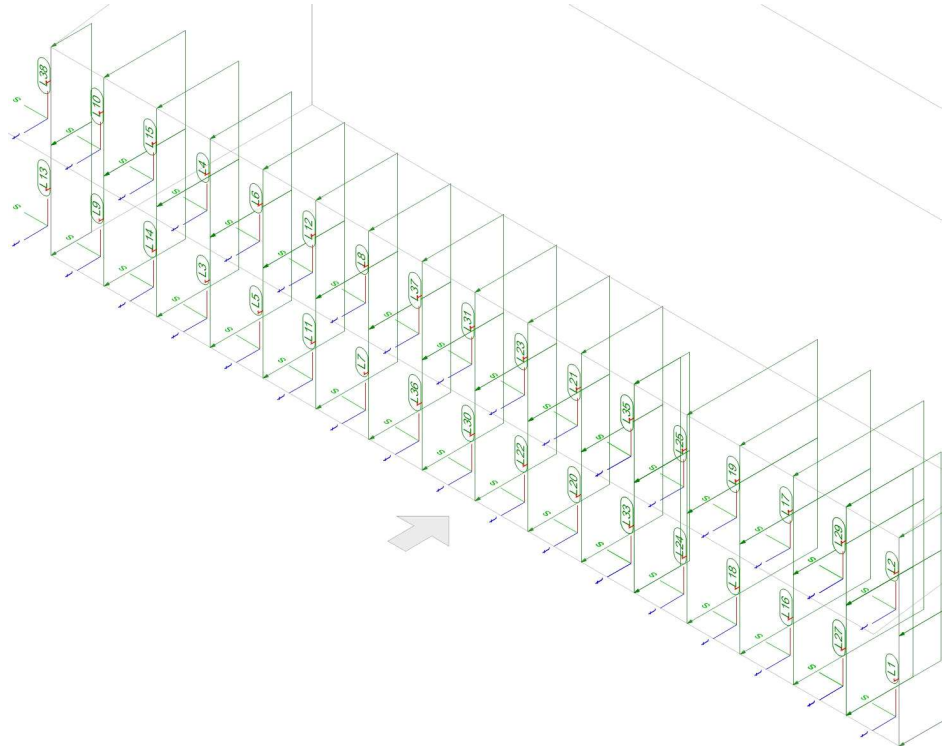
Lastgröße	pt	=	0.52	kN/m ²
r =	30.48	22.48	22.48	30.48 m
s =	6.90	6.90	0.00	0.00 m

Bereich C

Lastgröße	pt	=	0.33	kN/m ²
r =	22.48	0.00	0.00	22.48 m
s =	6.90	6.90	0.00	0.00 m

Verteilte Lasten

Übersicht der verteilten Lasten



Linienlasten

Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
L1	-16.24 -16.24	5.00 5.00	-0.32 3.33	0.79	A
L2	-16.24 -16.24	5.00 5.00	3.33 6.58	0.79	A
L3	10.15 10.15	5.00 5.00	-0.32 3.33	0.66	C
L4	10.15 10.15	5.00 5.00	3.33 6.58	0.66	C
L5	8.12 8.12	5.00 5.00	-0.32 3.33	0.66	C
L6	8.12 8.12	5.00 5.00	3.33 6.58	0.66	C
L7	4.06 4.06	5.00 5.00	-0.32 3.33	0.66	C
L8	4.06 4.06	5.00 5.00	3.33 6.58	0.66	C
L9	14.21 14.21	5.00 5.00	-0.32 3.33	0.66	C
L10	14.21 14.21	5.00 5.00	3.33 6.58	0.66	C
L11	6.09 6.09	5.00 5.00	-0.32 3.33	0.66	C
L12	6.09 6.09	5.00 5.00	3.33 6.58	0.66	C
L13	16.24 16.24	5.00 5.00	-0.32 3.33	0.33	C

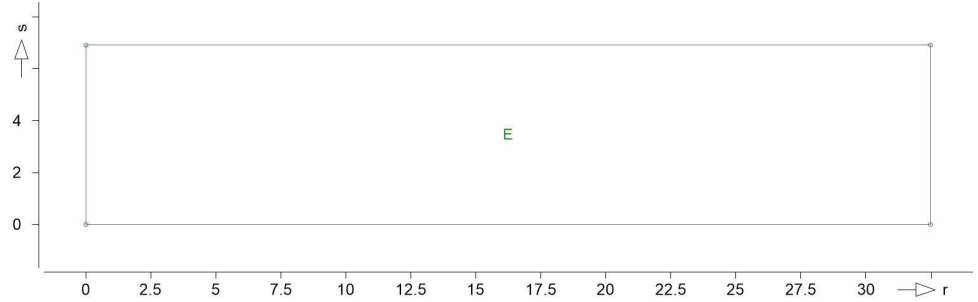
Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
L14	12.18	5.00	-0.32	0.66	C
	12.18	5.00	3.33		
L15	12.18	5.00	3.33	0.66	C
	12.18	5.00	6.58		
L16	-12.18	5.00	-0.32	1.06	B
	-12.18	5.00	3.33		
L17	-12.18	5.00	3.33	1.06	B
	-12.18	5.00	6.58		
L18	-10.15	5.00	-0.32	1.06	B
	-10.15	5.00	3.33		
L19	-10.15	5.00	3.33	1.06	B
	-10.15	5.00	6.58		
L20	-4.06	5.00	-0.32	0.66	C
	-4.06	5.00	3.33		
L21	-4.06	5.00	3.33	0.66	C
	-4.06	5.00	6.58		
L22	-2.03	5.00	-0.32	0.66	C
	-2.03	5.00	3.33		
L23	-2.03	5.00	3.33	0.66	C
	-2.03	5.00	6.58		
L24	-8.12	5.00	-0.32	1.06	B
	-8.12	5.00	3.33		
L25	-8.12	5.00	3.33	1.06	B
	-8.12	5.00	6.58		
L26	-14.21	5.00	-0.32	0.54	B
	-14.21	5.00	3.33		
L27	-14.21	5.00	-0.32	0.77	A
	-14.21	5.00	3.33		
L28	-14.21	5.00	3.33	0.54	B
	-14.21	5.00	6.58		
L29	-14.21	5.00	3.33	0.77	A
	-14.21	5.00	6.58		
L30	0.00	5.00	-0.32	0.66	C
	0.00	5.00	3.33		
L31	0.00	5.00	3.33	0.66	C
	0.00	5.00	6.58		
L32	-6.09	5.00	-0.32	0.38	C
	-6.09	5.00	3.33		
L33	-6.09	5.00	-0.32	0.45	B
	-6.09	5.00	3.33		
L34	-6.09	5.00	3.33	0.38	C
	-6.09	5.00	6.58		
L35	-6.09	5.00	3.33	0.45	B
	-6.09	5.00	6.58		
L36	2.03	5.00	-0.32	0.66	C
	2.03	5.00	3.33		
L37	2.03	5.00	3.33	0.66	C
	2.03	5.00	6.58		
L38	16.24	5.00	3.33	0.33	C
	16.24	5.00	6.58		

LF: 180-W

Windlasten, Anströmrichtung 180°

Lastbereiche

Bereiche der Windbelastung

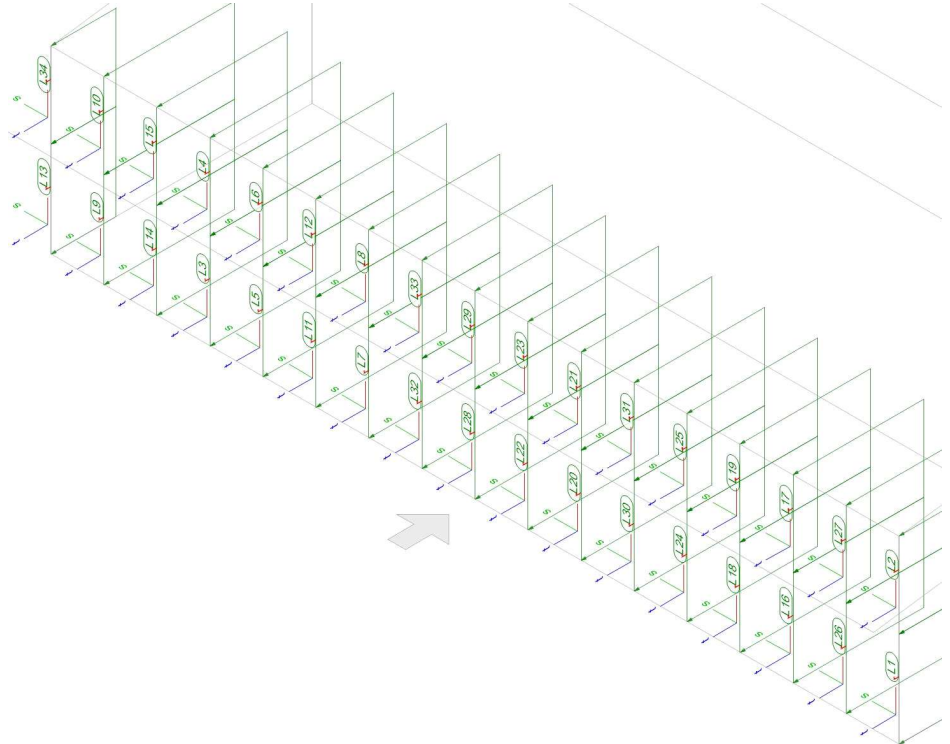


Bereich E

Lastgröße			pt	=	0.29	kN/m ²
r	=	32.48	0.00	0.00	32.48	m
s	=	6.90	6.90	0.00	0.00	m

Verteilte Lasten

Übersicht der verteilten Lasten



Linienlasten

Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
L1	-16.24	5.00	-0.32	0.30	E
	-16.24	5.00	3.33		
L2	-16.24	5.00	3.33	0.30	E
	-16.24	5.00	6.58		
L3	10.15	5.00	-0.32	0.60	E
	10.15	5.00	3.33		
L4	10.15	5.00	3.33	0.60	E
	10.15	5.00	6.58		
L5	8.12	5.00	-0.32	0.60	E
	8.12	5.00	3.33		

Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
L6	8.12	5.00	3.33	0.60	E
	8.12	5.00	6.58		
L7	4.06	5.00	-0.32	0.60	E
	4.06	5.00	3.33		
L8	4.06	5.00	3.33	0.60	E
	4.06	5.00	6.58		
L9	14.21	5.00	-0.32	0.60	E
	14.21	5.00	3.33		
L10	14.21	5.00	3.33	0.60	E
	14.21	5.00	6.58		
L11	6.09	5.00	-0.32	0.60	E
	6.09	5.00	3.33		
L12	6.09	5.00	3.33	0.60	E
	6.09	5.00	6.58		
L13	16.24	5.00	-0.32	0.30	E
	16.24	5.00	3.33		
L14	12.18	5.00	-0.32	0.60	E
	12.18	5.00	3.33		
L15	12.18	5.00	3.33	0.60	E
	12.18	5.00	6.58		
L16	-12.18	5.00	-0.32	0.60	E
	-12.18	5.00	3.33		
L17	-12.18	5.00	3.33	0.60	E
	-12.18	5.00	6.58		
L18	-10.15	5.00	-0.32	0.60	E
	-10.15	5.00	3.33		
L19	-10.15	5.00	3.33	0.60	E
	-10.15	5.00	6.58		
L20	-4.06	5.00	-0.32	0.60	E
	-4.06	5.00	3.33		
L21	-4.06	5.00	3.33	0.60	E
	-4.06	5.00	6.58		
L22	-2.03	5.00	-0.32	0.60	E
	-2.03	5.00	3.33		
L23	-2.03	5.00	3.33	0.60	E
	-2.03	5.00	6.58		
L24	-8.12	5.00	-0.32	0.60	E
	-8.12	5.00	3.33		
L25	-8.12	5.00	3.33	0.60	E
	-8.12	5.00	6.58		
L26	-14.21	5.00	-0.32	0.60	E
	-14.21	5.00	3.33		
L27	-14.21	5.00	3.33	0.60	E
	-14.21	5.00	6.58		
L28	0.00	5.00	-0.32	0.60	E
	0.00	5.00	3.33		
L29	0.00	5.00	3.33	0.60	E
	0.00	5.00	6.58		
L30	-6.09	5.00	-0.32	0.60	E
	-6.09	5.00	3.33		

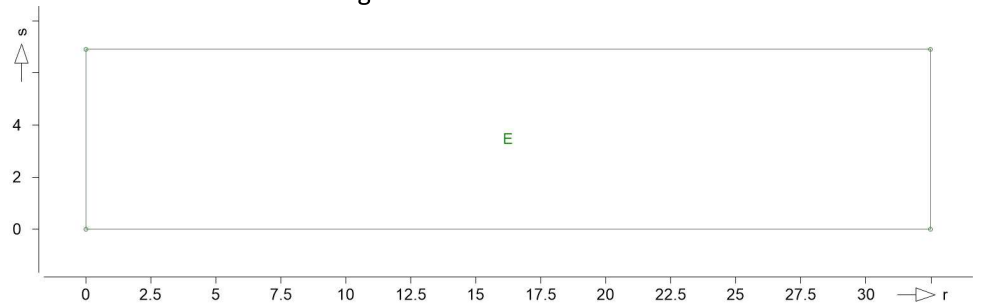
Bez.	x1	y1	z1	Last	WB
	x2	y2	z2		
	[m]	[m]	[m]	[kN/m]	
L31	-6.09	5.00	3.33	0.60	E
	-6.09	5.00	6.58		
L32	2.03	5.00	-0.32	0.60	E
	2.03	5.00	3.33		
L33	2.03	5.00	3.33	0.60	E
	2.03	5.00	6.58		
L34	16.24	5.00	3.33	0.30	E
	16.24	5.00	6.58		

LF: 180-W-L

Windlasten, Anströmrichtung 180°

Lastbereiche

Bereiche der Windbelastung

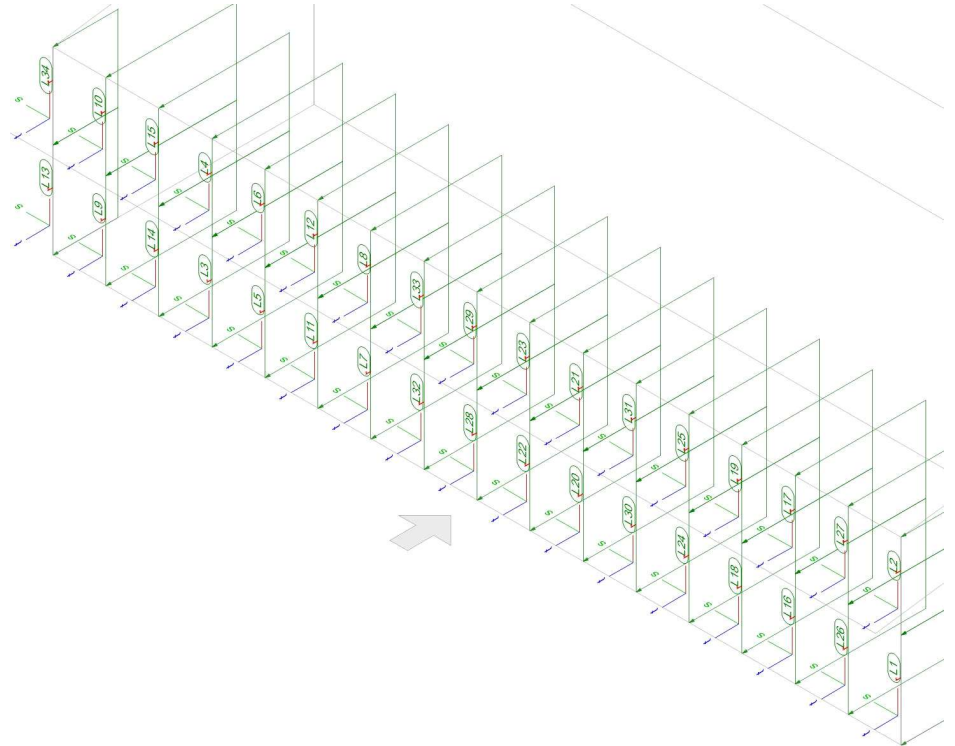


Bereich E

Lastgröße			pt	=	0.29	kN/m²
r	=	32.48	0.00	0.00	32.48	m
s	=	6.90	6.90	0.00	0.00	m

Verteilte Lasten

Übersicht der verteilten Lasten



Linienlasten

Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
L1	-16.24	5.00	-0.32	0.30	E
	-16.24	5.00	3.33		
L2	-16.24	5.00	3.33	0.30	E
	-16.24	5.00	6.58		
L3	10.15	5.00	-0.32	0.60	E
	10.15	5.00	3.33		
L4	10.15	5.00	3.33	0.60	E
	10.15	5.00	6.58		
L5	8.12	5.00	-0.32	0.60	E
	8.12	5.00	3.33		
L6	8.12	5.00	3.33	0.60	E
	8.12	5.00	6.58		
L7	4.06	5.00	-0.32	0.60	E
	4.06	5.00	3.33		
L8	4.06	5.00	3.33	0.60	E
	4.06	5.00	6.58		
L9	14.21	5.00	-0.32	0.60	E
	14.21	5.00	3.33		
L10	14.21	5.00	3.33	0.60	E
	14.21	5.00	6.58		
L11	6.09	5.00	-0.32	0.60	E
	6.09	5.00	3.33		
L12	6.09	5.00	3.33	0.60	E
	6.09	5.00	6.58		
L13	16.24	5.00	-0.32	0.30	E
	16.24	5.00	3.33		
L14	12.18	5.00	-0.32	0.60	E
	12.18	5.00	3.33		
L15	12.18	5.00	3.33	0.60	E
	12.18	5.00	6.58		
L16	-12.18	5.00	-0.32	0.60	E
	-12.18	5.00	3.33		
L17	-12.18	5.00	3.33	0.60	E
	-12.18	5.00	6.58		
L18	-10.15	5.00	-0.32	0.60	E
	-10.15	5.00	3.33		
L19	-10.15	5.00	3.33	0.60	E
	-10.15	5.00	6.58		
L20	-4.06	5.00	-0.32	0.60	E
	-4.06	5.00	3.33		
L21	-4.06	5.00	3.33	0.60	E
	-4.06	5.00	6.58		
L22	-2.03	5.00	-0.32	0.60	E
	-2.03	5.00	3.33		
L23	-2.03	5.00	3.33	0.60	E
	-2.03	5.00	6.58		
L24	-8.12	5.00	-0.32	0.60	E
	-8.12	5.00	3.33		
L25	-8.12	5.00	3.33	0.60	E
	-8.12	5.00	6.58		

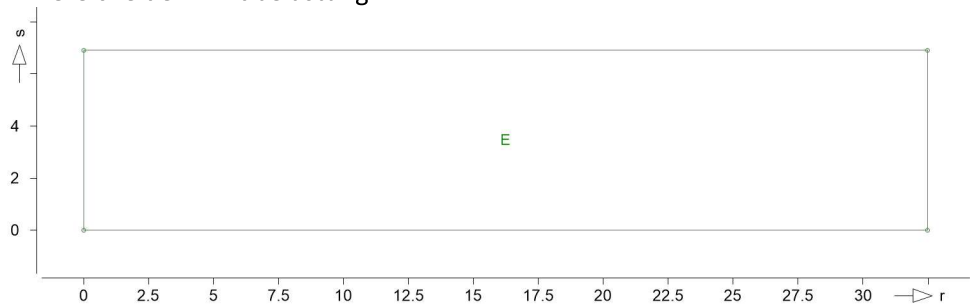
Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
L26	-14.21	5.00	-0.32	0.60	E
	-14.21	5.00	3.33		
L27	-14.21	5.00	3.33	0.60	E
	-14.21	5.00	6.58		
L28	0.00	5.00	-0.32	0.60	E
	0.00	5.00	3.33		
L29	0.00	5.00	3.33	0.60	E
	0.00	5.00	6.58		
L30	-6.09	5.00	-0.32	0.60	E
	-6.09	5.00	3.33		
L31	-6.09	5.00	3.33	0.60	E
	-6.09	5.00	6.58		
L32	2.03	5.00	-0.32	0.60	E
	2.03	5.00	3.33		
L33	2.03	5.00	3.33	0.60	E
	2.03	5.00	6.58		
L34	16.24	5.00	3.33	0.30	E
	16.24	5.00	6.58		

LF: 180-W-R

Windlasten, Anströmrichtung 180°

Lastbereiche

Bereiche der Windbelastung

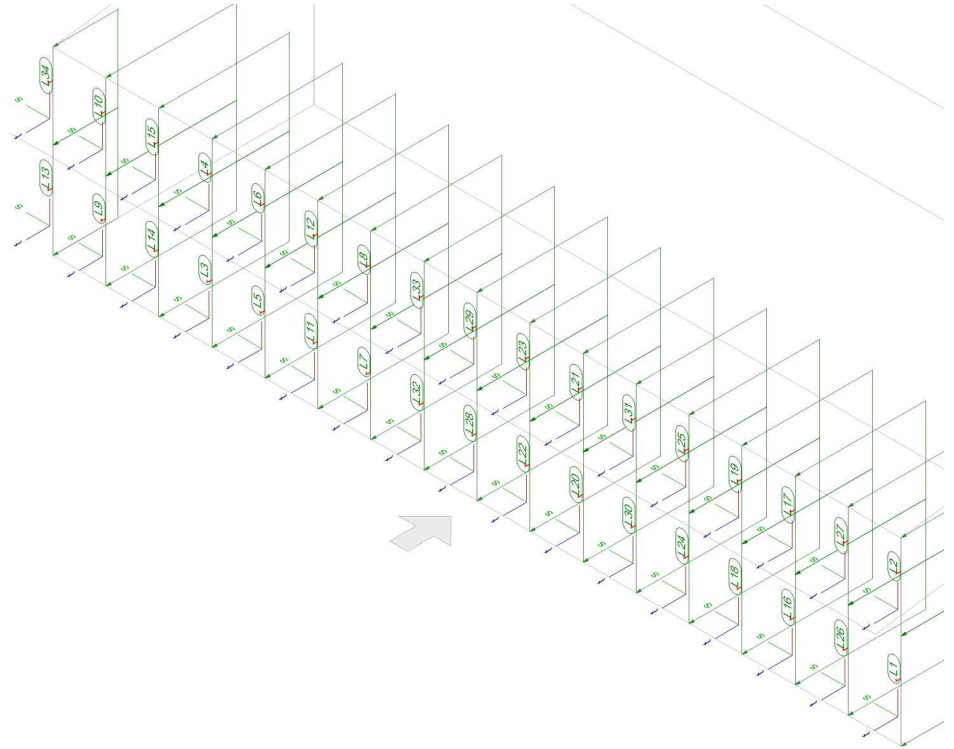


Bereich E

Lastgröße			pt	=	0.29	kN/m²
r	=	32.48	0.00	0.00	32.48	m
s	=	6.90	6.90	0.00	0.00	m

Verteilte Lasten

Übersicht der verteilten Lasten



Linienlasten

Bez.	x1	y1	z1	Last	WB
	x2	y2	z2		
	[m]	[m]	[m]	[kN/m]	
L1	-16.24	5.00	-0.32	0.30	E
	-16.24	5.00	3.33		
L2	-16.24	5.00	3.33	0.30	E
	-16.24	5.00	6.58		
L3	10.15	5.00	-0.32	0.60	E
	10.15	5.00	3.33		
L4	10.15	5.00	3.33	0.60	E
	10.15	5.00	6.58		
L5	8.12	5.00	-0.32	0.60	E
	8.12	5.00	3.33		
L6	8.12	5.00	3.33	0.60	E
	8.12	5.00	6.58		
L7	4.06	5.00	-0.32	0.60	E
	4.06	5.00	3.33		
L8	4.06	5.00	3.33	0.60	E
	4.06	5.00	6.58		
L9	14.21	5.00	-0.32	0.60	E
	14.21	5.00	3.33		
L10	14.21	5.00	3.33	0.60	E
	14.21	5.00	6.58		
L11	6.09	5.00	-0.32	0.60	E
	6.09	5.00	3.33		
L12	6.09	5.00	3.33	0.60	E
	6.09	5.00	6.58		
L13	16.24	5.00	-0.32	0.30	E
	16.24	5.00	3.33		

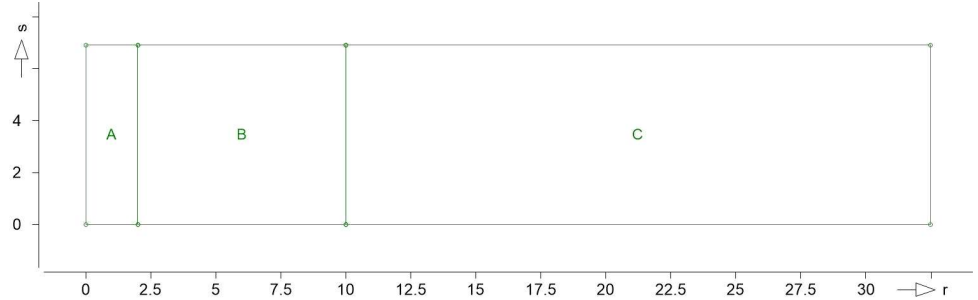
Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
L14	12.18	5.00	-0.32	0.60	E
	12.18	5.00	3.33		
L15	12.18	5.00	3.33	0.60	E
	12.18	5.00	6.58		
L16	-12.18	5.00	-0.32	0.60	E
	-12.18	5.00	3.33		
L17	-12.18	5.00	3.33	0.60	E
	-12.18	5.00	6.58		
L18	-10.15	5.00	-0.32	0.60	E
	-10.15	5.00	3.33		
L19	-10.15	5.00	3.33	0.60	E
	-10.15	5.00	6.58		
L20	-4.06	5.00	-0.32	0.60	E
	-4.06	5.00	3.33		
L21	-4.06	5.00	3.33	0.60	E
	-4.06	5.00	6.58		
L22	-2.03	5.00	-0.32	0.60	E
	-2.03	5.00	3.33		
L23	-2.03	5.00	3.33	0.60	E
	-2.03	5.00	6.58		
L24	-8.12	5.00	-0.32	0.60	E
	-8.12	5.00	3.33		
L25	-8.12	5.00	3.33	0.60	E
	-8.12	5.00	6.58		
L26	-14.21	5.00	-0.32	0.60	E
	-14.21	5.00	3.33		
L27	-14.21	5.00	3.33	0.60	E
	-14.21	5.00	6.58		
L28	0.00	5.00	-0.32	0.60	E
	0.00	5.00	3.33		
L29	0.00	5.00	3.33	0.60	E
	0.00	5.00	6.58		
L30	-6.09	5.00	-0.32	0.60	E
	-6.09	5.00	3.33		
L31	-6.09	5.00	3.33	0.60	E
	-6.09	5.00	6.58		
L32	2.03	5.00	-0.32	0.60	E
	2.03	5.00	3.33		
L33	2.03	5.00	3.33	0.60	E
	2.03	5.00	6.58		
L34	16.24	5.00	3.33	0.30	E
	16.24	5.00	6.58		

LF: 270-W

Windlasten, Anströmrichtung 270°

Lastbereiche

Bereiche der Windbelastung

**Bereich A**

Lastgröße					pt	=	0.78	kN/m ²
r	=	2.00	0.00	0.00	2.00	m		
s	=	6.90	6.90	0.00	0.00	m		

Bereich B

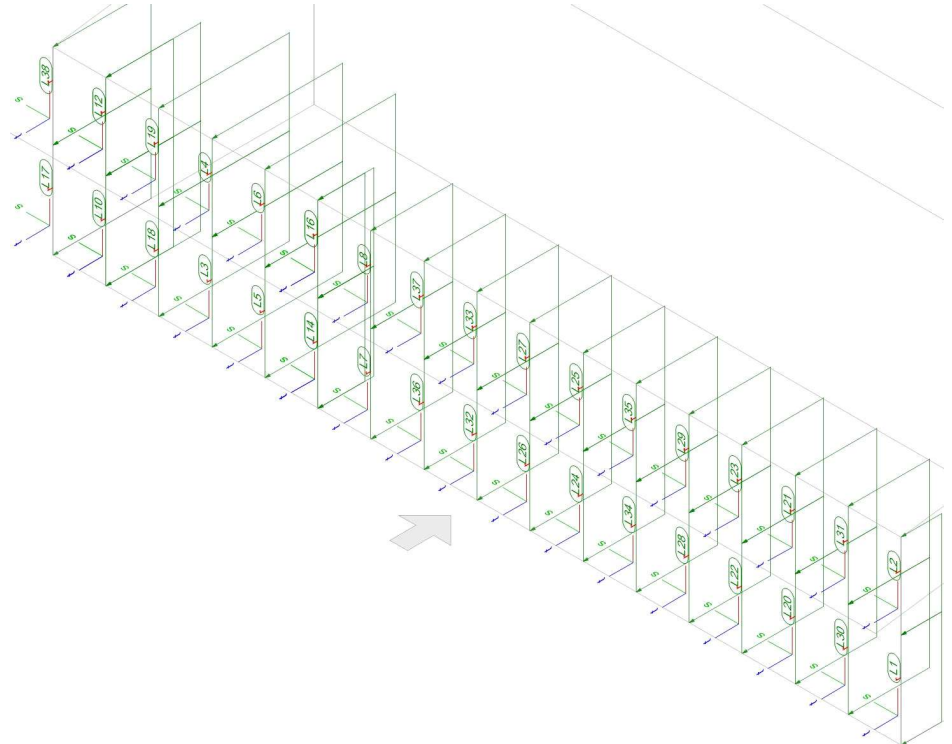
Lastgröße					pt	=	0.52	kN/m ²
r	=	10.00	2.00	2.00	10.00	m		
s	=	6.90	6.90	0.00	0.00	m		

Bereich C

Lastgröße					pt	=	0.33	kN/m ²
r	=	32.48	10.00	10.00	32.48	m		
s	=	6.90	6.90	0.00	0.00	m		

Verteilte Lasten

Übersicht der verteilten Lasten



Linienlasten

Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
L1	-16.24 -16.24	5.00 5.00	-0.32 3.33	0.33	C
L2	-16.24 -16.24	5.00 5.00	3.33 6.58	0.33	C

Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
L3	10.15	5.00	-0.32	1.06	B
	10.15	5.00	3.33		
L4	10.15	5.00	3.33	1.06	B
	10.15	5.00	6.58		
L5	8.12	5.00	-0.32	1.06	B
	8.12	5.00	3.33		
L6	8.12	5.00	3.33	1.06	B
	8.12	5.00	6.58		
L7	4.06	5.00	-0.32	0.66	C
	4.06	5.00	3.33		
L8	4.06	5.00	3.33	0.66	C
	4.06	5.00	6.58		
L9	14.21	5.00	-0.32	0.54	B
	14.21	5.00	3.33		
L10	14.21	5.00	-0.32	0.77	A
	14.21	5.00	3.33		
L11	14.21	5.00	3.33	0.54	B
	14.21	5.00	6.58		
L12	14.21	5.00	3.33	0.77	A
	14.21	5.00	6.58		
L13	6.09	5.00	-0.32	0.38	C
	6.09	5.00	3.33		
L14	6.09	5.00	-0.32	0.45	B
	6.09	5.00	3.33		
L15	6.09	5.00	3.33	0.38	C
	6.09	5.00	6.58		
L16	6.09	5.00	3.33	0.45	B
	6.09	5.00	6.58		
L17	16.24	5.00	-0.32	0.79	A
	16.24	5.00	3.33		
L18	12.18	5.00	-0.32	1.06	B
	12.18	5.00	3.33		
L19	12.18	5.00	3.33	1.06	B
	12.18	5.00	6.58		
L20	-12.18	5.00	-0.32	0.66	C
	-12.18	5.00	3.33		
L21	-12.18	5.00	3.33	0.66	C
	-12.18	5.00	6.58		
L22	-10.15	5.00	-0.32	0.66	C
	-10.15	5.00	3.33		
L23	-10.15	5.00	3.33	0.66	C
	-10.15	5.00	6.58		
L24	-4.06	5.00	-0.32	0.66	C
	-4.06	5.00	3.33		
L25	-4.06	5.00	3.33	0.66	C
	-4.06	5.00	6.58		
L26	-2.03	5.00	-0.32	0.66	C
	-2.03	5.00	3.33		
L27	-2.03	5.00	3.33	0.66	C
	-2.03	5.00	6.58		

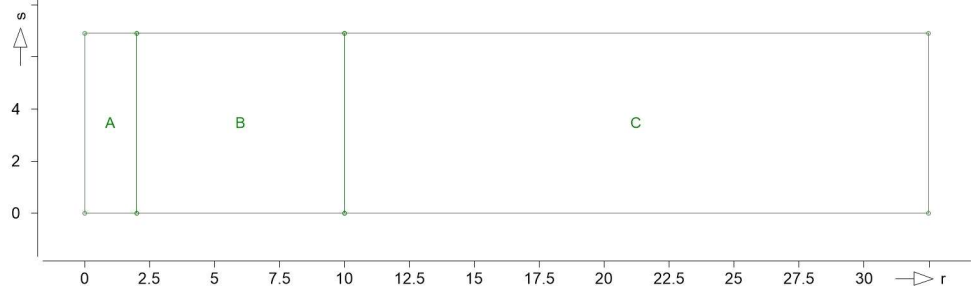
Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
L28	-8.12	5.00	-0.32	0.66	C
	-8.12	5.00	3.33		
L29	-8.12	5.00	3.33	0.66	C
	-8.12	5.00	6.58		
L30	-14.21	5.00	-0.32	0.66	C
	-14.21	5.00	3.33		
L31	-14.21	5.00	3.33	0.66	C
	-14.21	5.00	6.58		
L32	0.00	5.00	-0.32	0.66	C
	0.00	5.00	3.33		
L33	0.00	5.00	3.33	0.66	C
	0.00	5.00	6.58		
L34	-6.09	5.00	-0.32	0.66	C
	-6.09	5.00	3.33		
L35	-6.09	5.00	3.33	0.66	C
	-6.09	5.00	6.58		
L36	2.03	5.00	-0.32	0.66	C
	2.03	5.00	3.33		
L37	2.03	5.00	3.33	0.66	C
	2.03	5.00	6.58		
L38	16.24	5.00	3.33	0.79	A
	16.24	5.00	6.58		

LF: 270-W-L

Windlasten, Anströmrichtung 270°

Lastbereiche

Bereiche der Windbelastung



Bereich A

Lastgröße pt = 0.78 kN/m²

r = 2.00 0.00 0.00 2.00 m

s = 6.90 6.90 0.00 0.00 m

Bereich B

Lastgröße pt = 0.52 kN/m²

r = 10.00 2.00 2.00 10.00 m

s = 6.90 6.90 0.00 0.00 m

Bereich C

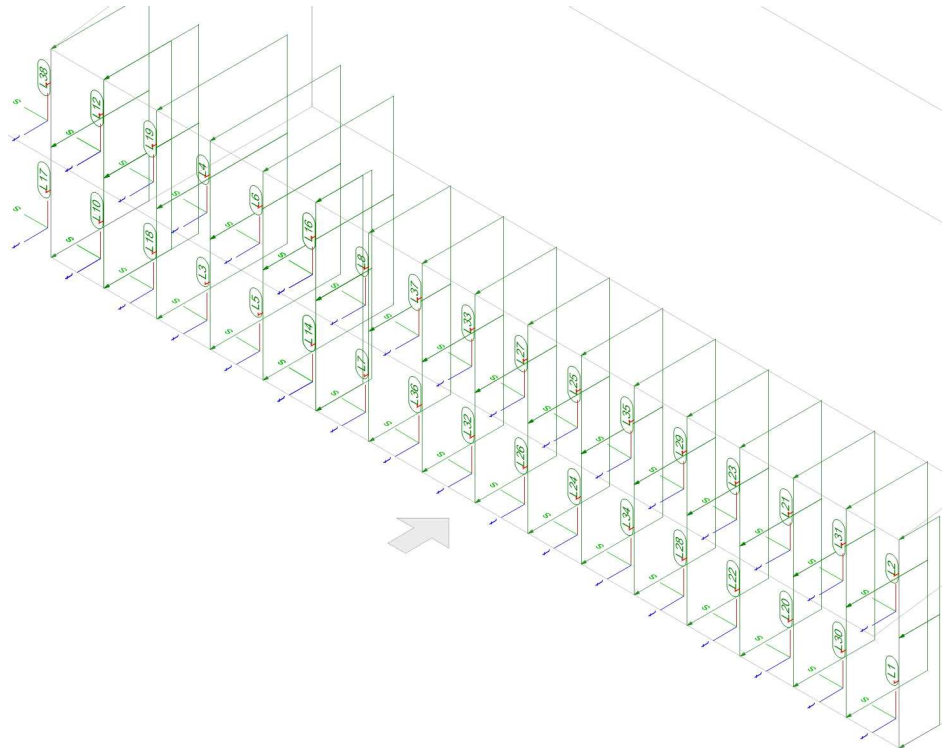
Lastgröße pt = 0.33 kN/m²

r = 32.48 10.00 10.00 32.48 m

s = 6.90 6.90 0.00 0.00 m

Verteilte Lasten

Übersicht der verteilten Lasten



Linienlasten

Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
L1	-16.24	5.00	-0.32	0.33	C
	-16.24	5.00	3.33		
L2	-16.24	5.00	3.33	0.33	C
	-16.24	5.00	6.58		
L3	10.15	5.00	-0.32	1.06	B
	10.15	5.00	3.33		
L4	10.15	5.00	3.33	1.06	B
	10.15	5.00	6.58		
L5	8.12	5.00	-0.32	1.06	B
	8.12	5.00	3.33		
L6	8.12	5.00	3.33	1.06	B
	8.12	5.00	6.58		
L7	4.06	5.00	-0.32	0.66	C
	4.06	5.00	3.33		
L8	4.06	5.00	3.33	0.66	C
	4.06	5.00	6.58		
L9	14.21	5.00	-0.32	0.54	B
	14.21	5.00	3.33		
L10	14.21	5.00	-0.32	0.77	A
	14.21	5.00	3.33		
L11	14.21	5.00	3.33	0.54	B
	14.21	5.00	6.58		
L12	14.21	5.00	3.33	0.77	A
	14.21	5.00	6.58		
L13	6.09	5.00	-0.32	0.38	C
	6.09	5.00	3.33		

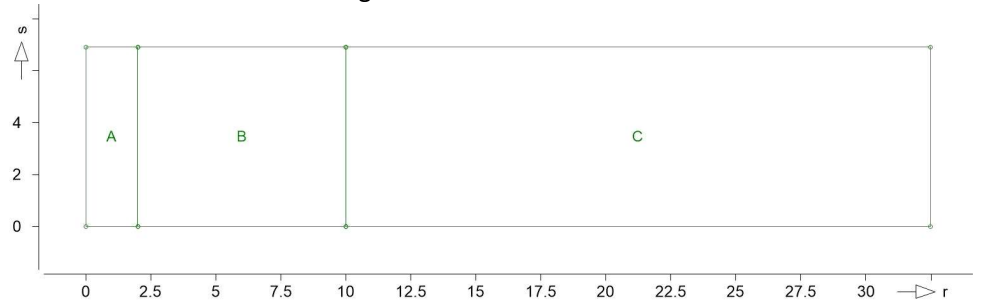
Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
L14	6.09	5.00	-0.32	0.45	B
	6.09	5.00	3.33		
L15	6.09	5.00	3.33	0.38	C
	6.09	5.00	6.58		
L16	6.09	5.00	3.33	0.45	B
	6.09	5.00	6.58		
L17	16.24	5.00	-0.32	0.79	A
	16.24	5.00	3.33		
L18	12.18	5.00	-0.32	1.06	B
	12.18	5.00	3.33		
L19	12.18	5.00	3.33	1.06	B
	12.18	5.00	6.58		
L20	-12.18	5.00	-0.32	0.66	C
	-12.18	5.00	3.33		
L21	-12.18	5.00	3.33	0.66	C
	-12.18	5.00	6.58		
L22	-10.15	5.00	-0.32	0.66	C
	-10.15	5.00	3.33		
L23	-10.15	5.00	3.33	0.66	C
	-10.15	5.00	6.58		
L24	-4.06	5.00	-0.32	0.66	C
	-4.06	5.00	3.33		
L25	-4.06	5.00	3.33	0.66	C
	-4.06	5.00	6.58		
L26	-2.03	5.00	-0.32	0.66	C
	-2.03	5.00	3.33		
L27	-2.03	5.00	3.33	0.66	C
	-2.03	5.00	6.58		
L28	-8.12	5.00	-0.32	0.66	C
	-8.12	5.00	3.33		
L29	-8.12	5.00	3.33	0.66	C
	-8.12	5.00	6.58		
L30	-14.21	5.00	-0.32	0.66	C
	-14.21	5.00	3.33		
L31	-14.21	5.00	3.33	0.66	C
	-14.21	5.00	6.58		
L32	0.00	5.00	-0.32	0.66	C
	0.00	5.00	3.33		
L33	0.00	5.00	3.33	0.66	C
	0.00	5.00	6.58		
L34	-6.09	5.00	-0.32	0.66	C
	-6.09	5.00	3.33		
L35	-6.09	5.00	3.33	0.66	C
	-6.09	5.00	6.58		
L36	2.03	5.00	-0.32	0.66	C
	2.03	5.00	3.33		
L37	2.03	5.00	3.33	0.66	C
	2.03	5.00	6.58		
L38	16.24	5.00	3.33	0.79	A
	16.24	5.00	6.58		

LF: 270-W-R

Windlasten, Anströmrichtung 270°

Lastbereiche

Bereiche der Windbelastung

**Bereich A**

Lastgröße					pt	=	0.78	kN/m ²
r	=	2.00	0.00	0.00	2.00	m		
s	=	6.90	6.90	0.00	0.00	m		

Bereich B

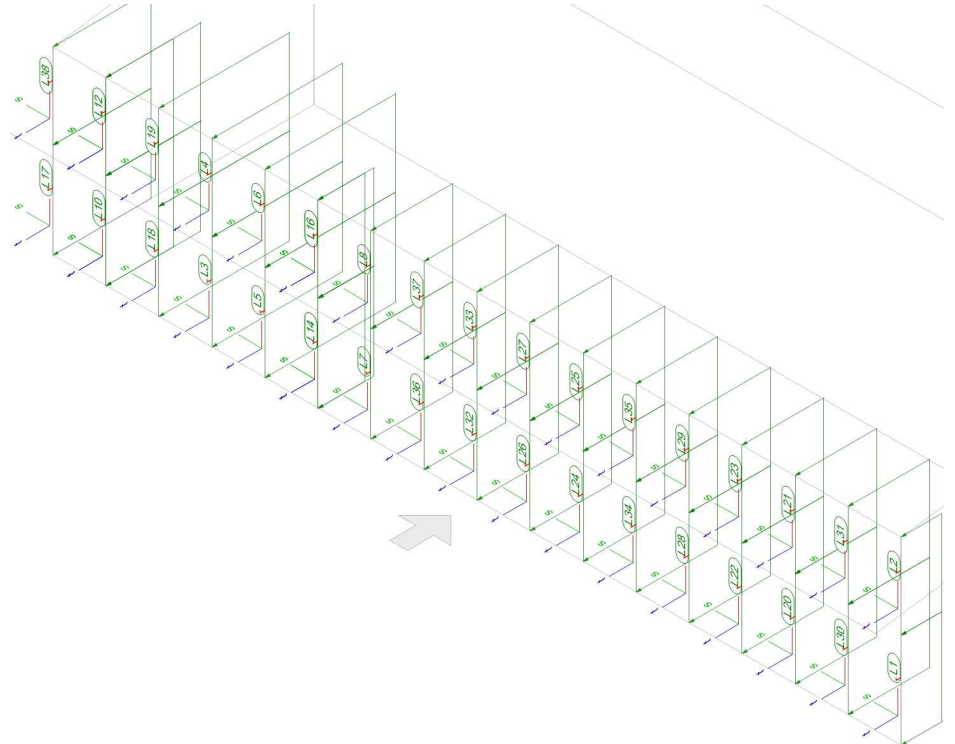
Lastgröße					pt	=	0.52	kN/m ²
r	=	10.00	2.00	2.00	10.00	m		
s	=	6.90	6.90	0.00	0.00	m		

Bereich C

Lastgröße					pt	=	0.33	kN/m ²
r	=	32.48	10.00	10.00	32.48	m		
s	=	6.90	6.90	0.00	0.00	m		

Verteilte Lasten

Übersicht der verteilten Lasten



Linienlasten

Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
L1	-16.24 -16.24	5.00 5.00	-0.32 3.33	0.33	C
L2	-16.24 -16.24	5.00 5.00	3.33 6.58	0.33	C

Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
L3	10.15	5.00	-0.32	1.06	B
	10.15	5.00	3.33		
L4	10.15	5.00	3.33	1.06	B
	10.15	5.00	6.58		
L5	8.12	5.00	-0.32	1.06	B
	8.12	5.00	3.33		
L6	8.12	5.00	3.33	1.06	B
	8.12	5.00	6.58		
L7	4.06	5.00	-0.32	0.66	C
	4.06	5.00	3.33		
L8	4.06	5.00	3.33	0.66	C
	4.06	5.00	6.58		
L9	14.21	5.00	-0.32	0.54	B
	14.21	5.00	3.33		
L10	14.21	5.00	-0.32	0.77	A
	14.21	5.00	3.33		
L11	14.21	5.00	3.33	0.54	B
	14.21	5.00	6.58		
L12	14.21	5.00	3.33	0.77	A
	14.21	5.00	6.58		
L13	6.09	5.00	-0.32	0.38	C
	6.09	5.00	3.33		
L14	6.09	5.00	-0.32	0.45	B
	6.09	5.00	3.33		
L15	6.09	5.00	3.33	0.38	C
	6.09	5.00	6.58		
L16	6.09	5.00	3.33	0.45	B
	6.09	5.00	6.58		
L17	16.24	5.00	-0.32	0.79	A
	16.24	5.00	3.33		
L18	12.18	5.00	-0.32	1.06	B
	12.18	5.00	3.33		
L19	12.18	5.00	3.33	1.06	B
	12.18	5.00	6.58		
L20	-12.18	5.00	-0.32	0.66	C
	-12.18	5.00	3.33		
L21	-12.18	5.00	3.33	0.66	C
	-12.18	5.00	6.58		
L22	-10.15	5.00	-0.32	0.66	C
	-10.15	5.00	3.33		
L23	-10.15	5.00	3.33	0.66	C
	-10.15	5.00	6.58		
L24	-4.06	5.00	-0.32	0.66	C
	-4.06	5.00	3.33		
L25	-4.06	5.00	3.33	0.66	C
	-4.06	5.00	6.58		
L26	-2.03	5.00	-0.32	0.66	C
	-2.03	5.00	3.33		
L27	-2.03	5.00	3.33	0.66	C
	-2.03	5.00	6.58		

Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
L28	-8.12	5.00	-0.32	0.66	C
	-8.12	5.00	3.33		
L29	-8.12	5.00	3.33	0.66	C
	-8.12	5.00	6.58		
L30	-14.21	5.00	-0.32	0.66	C
	-14.21	5.00	3.33		
L31	-14.21	5.00	3.33	0.66	C
	-14.21	5.00	6.58		
L32	0.00	5.00	-0.32	0.66	C
	0.00	5.00	3.33		
L33	0.00	5.00	3.33	0.66	C
	0.00	5.00	6.58		
L34	-6.09	5.00	-0.32	0.66	C
	-6.09	5.00	3.33		
L35	-6.09	5.00	3.33	0.66	C
	-6.09	5.00	6.58		
L36	2.03	5.00	-0.32	0.66	C
	2.03	5.00	3.33		
L37	2.03	5.00	3.33	0.66	C
	2.03	5.00	6.58		
L38	16.24	5.00	3.33	0.79	A
	16.24	5.00	6.58		

Traufe rechts

Belastungen auf die rechte Traufseite

Die folgenden Lasten werden generiert:

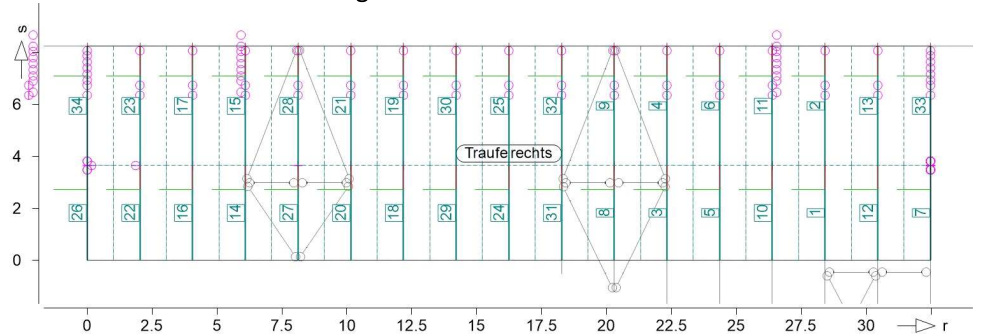
- Eigenlasten
- Windlasten

Die Lasten der Fläche werden linienförmig verteilt.

Hierbei werden über Einflussbreiten die Flächenlasten den Lastverteilungslinien zugeordnet. Lasten außerhalb der Einflussbreiten bleiben unberücksichtigt.

Positionsgrafik

Übersicht der Lastverteilungslinien



Verteilungslinien

Nr.	Koordinaten		Einflussbreite	
	r [m]	s [m]	links [m]	rechts [m]
1	0.00	0.00	0.00	1.02
	0.00	3.65		
2	0.00	3.65	0.00	1.02
	0.00	8.24		
3	2.03	0.00	1.02	1.02
	2.03	3.65		
4	2.03	3.65	1.02	1.02
	2.03	8.24		
5	4.06	0.00	1.02	1.02
	4.06	3.65		
6	4.06	3.65	1.02	1.02
	4.06	8.24		
7	6.09	0.00	1.02	1.02
	6.09	3.65		
8	6.09	3.65	1.02	1.02
	6.09	8.24		
9	8.12	0.00	1.02	1.02
	8.12	3.65		
10	8.12	3.65	1.02	1.02
	8.12	8.24		
11	10.15	0.00	1.02	1.02
	10.15	3.65		
12	10.15	3.65	1.02	1.02
	10.15	8.24		
13	12.18	0.00	1.02	1.02
	12.18	3.65		
14	12.18	3.65	1.02	1.02
	12.18	8.24		
15	14.21	0.00	1.02	1.02
	14.21	3.65		
16	14.21	3.65	1.02	1.02
	14.21	8.24		
17	16.24	0.00	1.02	1.02
	16.24	3.65		
18	16.24	3.65	1.02	1.02
	16.24	8.24		
19	18.27	0.00	1.02	1.02
	18.27	3.65		
20	18.27	3.65	1.02	1.02
	18.27	8.24		
21	20.30	0.00	1.02	1.02
	20.30	3.65		
22	20.30	3.65	1.02	1.02
	20.30	8.24		
23	22.33	0.00	1.02	1.02
	22.33	3.65		
24	22.33	3.65	1.02	1.02
	22.33	8.24		
25	24.36	0.00	1.02	1.02
	24.36	3.65		

Nr.	Koordinaten		Einflussbreite	
	r	s	links	rechts
	[m]	[m]	[m]	[m]
26	24.36	3.65	1.02	1.02
	24.36	8.24		
27	26.39	0.00	1.02	1.02
	26.39	3.65		
28	26.39	3.65	1.02	1.02
	26.39	8.24		
29	28.42	0.00	1.02	1.02
	28.42	3.65		
30	28.42	3.65	1.02	1.02
	28.42	8.24		
31	30.45	0.00	1.02	1.02
	30.45	3.65		
32	30.45	3.65	1.02	1.02
	30.45	8.24		
33	32.48	0.00	1.02	0.00
	32.48	3.65		
34	32.48	3.65	1.02	0.00
	32.48	8.24		

Eigenlasten

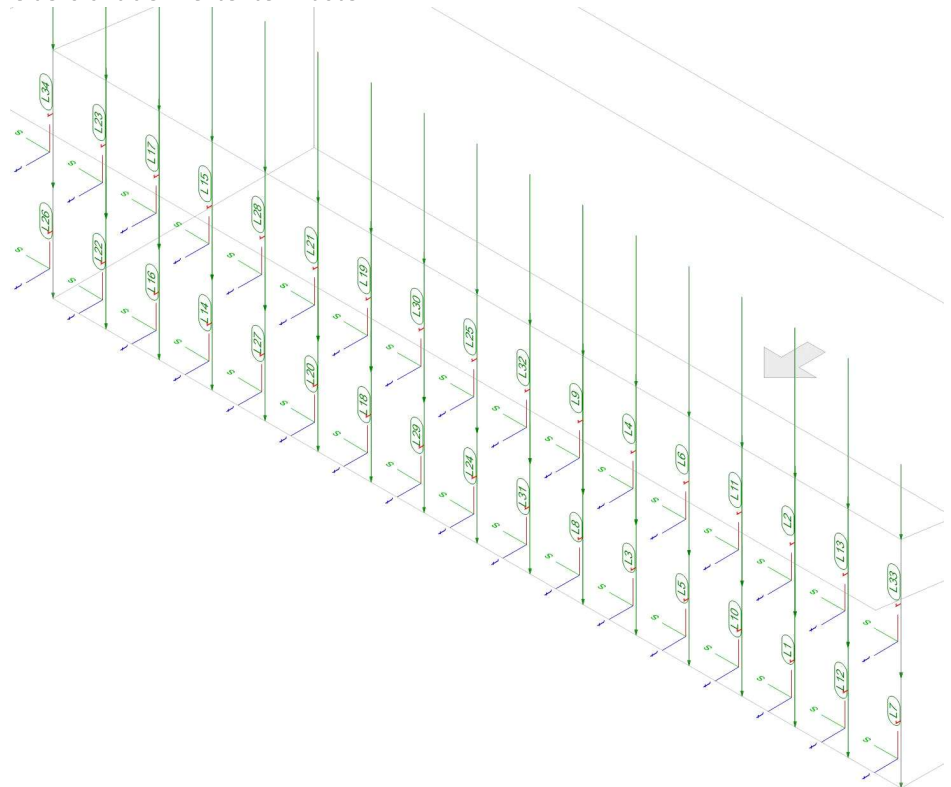
LF: LF-1

Verteilte Lasten

Belastungen infolge Eigenlasten

Eigengewicht

Übersicht der verteilten Lasten



Linienlasten

Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]
L1	12.18	-5.00	-0.32	4.06
	12.18	-5.00	3.33	
L2	12.18	-5.00	3.33	4.06
	12.18	-5.00	7.92	
L3	6.09	-5.00	-0.32	4.06
	6.09	-5.00	3.33	
L4	6.09	-5.00	3.33	4.06
	6.09	-5.00	7.92	
L5	8.12	-5.00	-0.32	4.06
	8.12	-5.00	3.33	
L6	8.12	-5.00	3.33	4.06
	8.12	-5.00	7.92	
L7	16.24	-5.00	-0.32	2.03
	16.24	-5.00	3.33	
L8	4.06	-5.00	-0.32	4.06
	4.06	-5.00	3.33	
L9	4.06	-5.00	3.33	4.06
	4.06	-5.00	7.92	
L10	10.15	-5.00	-0.32	4.06
	10.15	-5.00	3.33	
L11	10.15	-5.00	3.33	4.06
	10.15	-5.00	7.92	
L12	14.21	-5.00	-0.32	4.06
	14.21	-5.00	3.33	
L13	14.21	-5.00	3.33	4.06
	14.21	-5.00	7.92	
L14	-10.15	-5.00	-0.32	4.06
	-10.15	-5.00	3.33	
L15	-10.15	-5.00	3.33	4.06
	-10.15	-5.00	7.92	
L16	-12.18	-5.00	-0.32	4.06
	-12.18	-5.00	3.33	
L17	-12.18	-5.00	3.33	4.06
	-12.18	-5.00	7.92	
L18	-4.06	-5.00	-0.32	4.06
	-4.06	-5.00	3.33	
L19	-4.06	-5.00	3.33	4.06
	-4.06	-5.00	7.92	
L20	-6.09	-5.00	-0.32	4.06
	-6.09	-5.00	3.33	
L21	-6.09	-5.00	3.33	4.06
	-6.09	-5.00	7.92	
L22	-14.21	-5.00	-0.32	4.06
	-14.21	-5.00	3.33	
L23	-14.21	-5.00	3.33	4.06
	-14.21	-5.00	7.92	
L24	0.00	-5.00	-0.32	4.06
	0.00	-5.00	3.33	
L25	0.00	-5.00	3.33	4.06
	0.00	-5.00	7.92	

Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]
L26	-16.24 -16.24	-5.00 -5.00	-0.32 3.33	2.03
L27	-8.12 -8.12	-5.00 -5.00	-0.32 3.33	4.06
L28	-8.12 -8.12	-5.00 -5.00	3.33 7.92	4.06
L29	-2.03 -2.03	-5.00 -5.00	-0.32 3.33	4.06
L30	-2.03 -2.03	-5.00 -5.00	3.33 7.92	4.06
L31	2.03 2.03	-5.00 -5.00	-0.32 3.33	4.06
L32	2.03 2.03	-5.00 -5.00	3.33 7.92	4.06
L33	16.24 16.24	-5.00 -5.00	3.33 7.92	2.03
L34	-16.24 -16.24	-5.00 -5.00	3.33 7.92	2.03

Windlasten

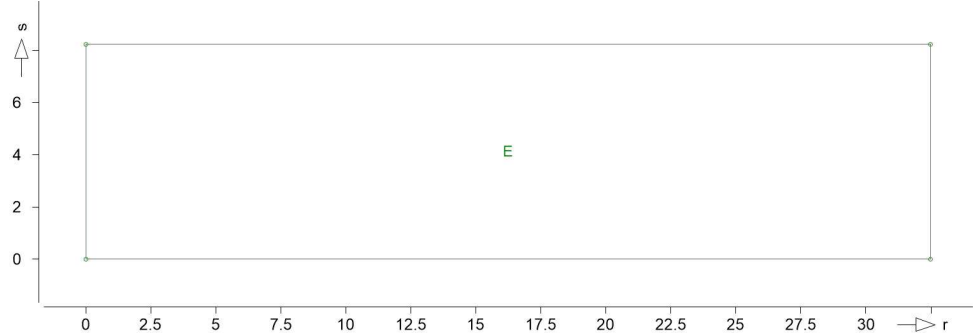
LF: 000-W

Lastbereiche

Belastungen infolge Wind

Windlasten, Anströmrichtung 0°

Bereiche der Windbelastung

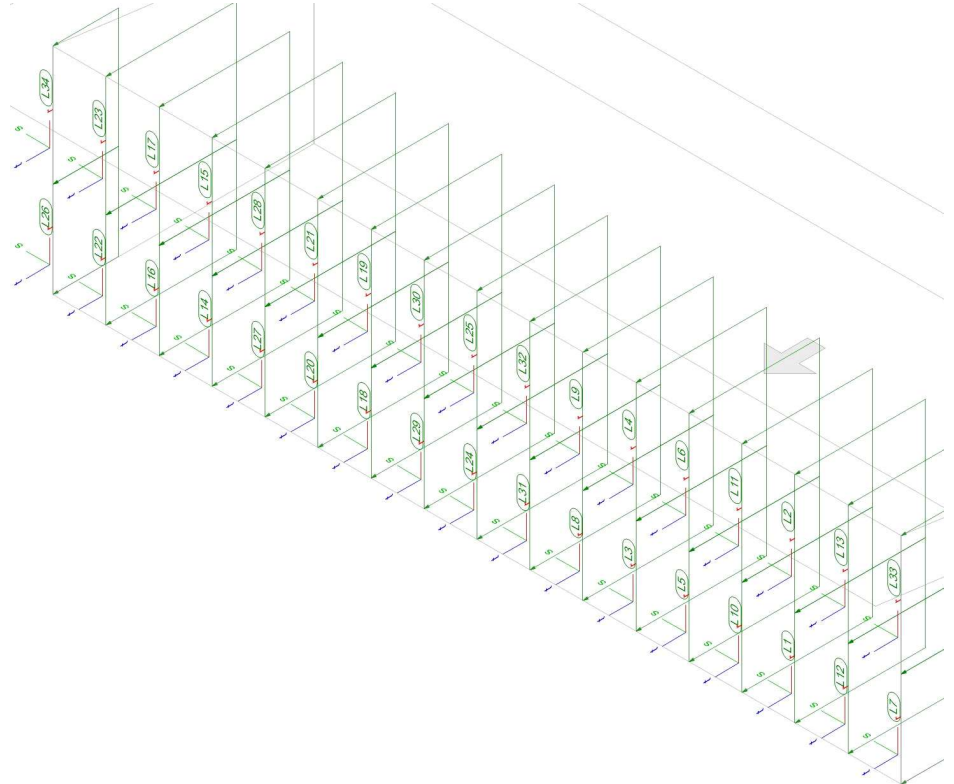


Bereich E

Lastgröße			pt	=	0.29	kN/m ²
r	=	32.48	32.48	0.00	0.00	m
s	=	0.00	8.24	8.24	0.00	m

Verteilte Lasten

Übersicht der verteilten Lasten



Linienlasten

Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
L1	12.18	-5.00	-0.32	0.60	E
	12.18	-5.00	3.33		
L2	12.18	-5.00	3.33	0.60	E
	12.18	-5.00	7.92		
L3	6.09	-5.00	-0.32	0.60	E
	6.09	-5.00	3.33		

Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
L4	6.09	-5.00	3.33	0.60	E
	6.09	-5.00	7.92		
L5	8.12	-5.00	-0.32	0.60	E
	8.12	-5.00	3.33		
L6	8.12	-5.00	3.33	0.60	E
	8.12	-5.00	7.92		
L7	16.24	-5.00	-0.32	0.30	E
	16.24	-5.00	3.33		
L8	4.06	-5.00	-0.32	0.60	E
	4.06	-5.00	3.33		
L9	4.06	-5.00	3.33	0.60	E
	4.06	-5.00	7.92		
L10	10.15	-5.00	-0.32	0.60	E
	10.15	-5.00	3.33		
L11	10.15	-5.00	3.33	0.60	E
	10.15	-5.00	7.92		
L12	14.21	-5.00	-0.32	0.60	E
	14.21	-5.00	3.33		
L13	14.21	-5.00	3.33	0.60	E
	14.21	-5.00	7.92		
L14	-10.15	-5.00	-0.32	0.60	E
	-10.15	-5.00	3.33		
L15	-10.15	-5.00	3.33	0.60	E
	-10.15	-5.00	7.92		
L16	-12.18	-5.00	-0.32	0.60	E
	-12.18	-5.00	3.33		
L17	-12.18	-5.00	3.33	0.60	E
	-12.18	-5.00	7.92		
L18	-4.06	-5.00	-0.32	0.60	E
	-4.06	-5.00	3.33		
L19	-4.06	-5.00	3.33	0.60	E
	-4.06	-5.00	7.92		
L20	-6.09	-5.00	-0.32	0.60	E
	-6.09	-5.00	3.33		
L21	-6.09	-5.00	3.33	0.60	E
	-6.09	-5.00	7.92		
L22	-14.21	-5.00	-0.32	0.60	E
	-14.21	-5.00	3.33		
L23	-14.21	-5.00	3.33	0.60	E
	-14.21	-5.00	7.92		
L24	0.00	-5.00	-0.32	0.60	E
	0.00	-5.00	3.33		
L25	0.00	-5.00	3.33	0.60	E
	0.00	-5.00	7.92		
L26	-16.24	-5.00	-0.32	0.30	E
	-16.24	-5.00	3.33		
L27	-8.12	-5.00	-0.32	0.60	E
	-8.12	-5.00	3.33		
L28	-8.12	-5.00	3.33	0.60	E
	-8.12	-5.00	7.92		

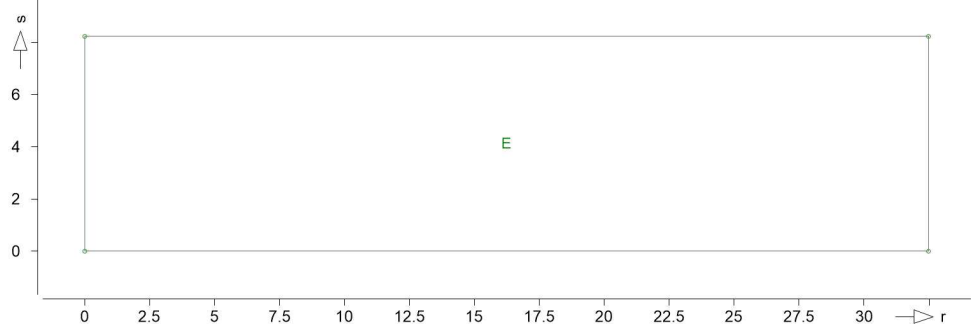
Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
L29	-2.03	-5.00	-0.32	0.60	E
	-2.03	-5.00	3.33		
L30	-2.03	-5.00	3.33	0.60	E
	-2.03	-5.00	7.92		
L31	2.03	-5.00	-0.32	0.60	E
	2.03	-5.00	3.33		
L32	2.03	-5.00	3.33	0.60	E
	2.03	-5.00	7.92		
L33	16.24	-5.00	3.33	0.30	E
	16.24	-5.00	7.92		
L34	-16.24	-5.00	3.33	0.30	E
	-16.24	-5.00	7.92		

LF: 000-W-L

Windlasten, Anströmrichtung 0°

Lastbereiche

Bereiche der Windbelastung

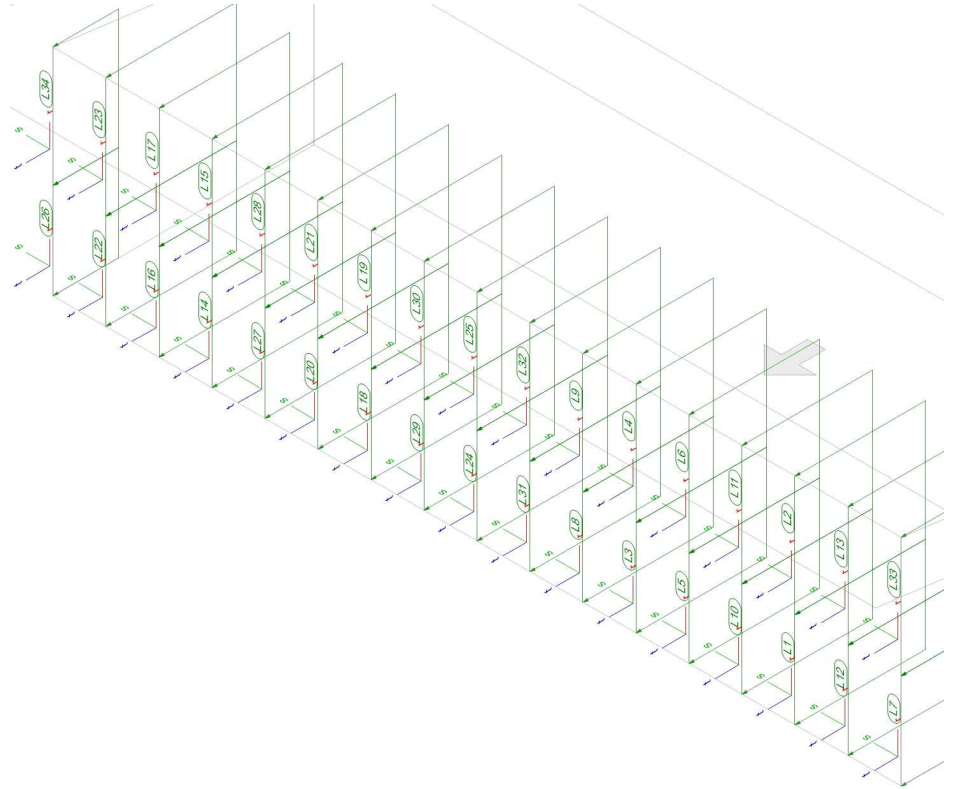


Bereich E

Lastgröße			pt	=	0.29	kN/m ²
r	=	32.48	32.48	0.00	0.00	m
s	=	0.00	8.24	8.24	0.00	m

Verteilte Lasten

Übersicht der verteilten Lasten



Linienlasten

Bez.	x1	y1	z1	Last	WB
	x2	y2	z2		
	[m]	[m]	[m]	[kN/m]	
L1	12.18	-5.00	-0.32	0.60	E
	12.18	-5.00	3.33		
L2	12.18	-5.00	3.33	0.60	E
	12.18	-5.00	7.92		
L3	6.09	-5.00	-0.32	0.60	E
	6.09	-5.00	3.33		
L4	6.09	-5.00	3.33	0.60	E
	6.09	-5.00	7.92		
L5	8.12	-5.00	-0.32	0.60	E
	8.12	-5.00	3.33		
L6	8.12	-5.00	3.33	0.60	E
	8.12	-5.00	7.92		
L7	16.24	-5.00	-0.32	0.30	E
	16.24	-5.00	3.33		
L8	4.06	-5.00	-0.32	0.60	E
	4.06	-5.00	3.33		
L9	4.06	-5.00	3.33	0.60	E
	4.06	-5.00	7.92		
L10	10.15	-5.00	-0.32	0.60	E
	10.15	-5.00	3.33		
L11	10.15	-5.00	3.33	0.60	E
	10.15	-5.00	7.92		
L12	14.21	-5.00	-0.32	0.60	E
	14.21	-5.00	3.33		
L13	14.21	-5.00	3.33	0.60	E

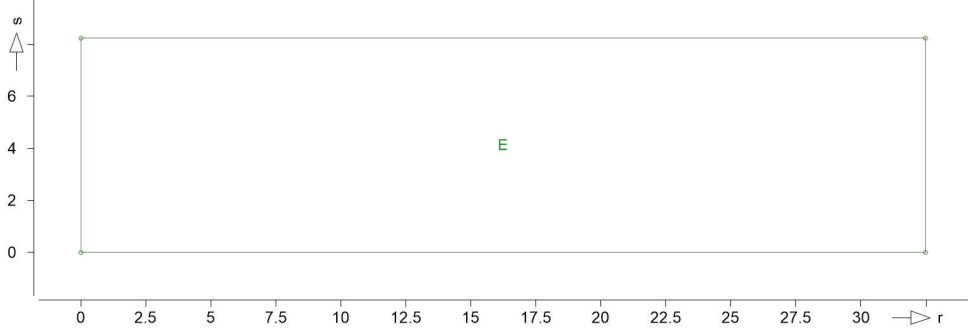
Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
	14.21	-5.00	7.92		
L14	-10.15	-5.00	-0.32	0.60	E
	-10.15	-5.00	3.33		
L15	-10.15	-5.00	3.33	0.60	E
	-10.15	-5.00	7.92		
L16	-12.18	-5.00	-0.32	0.60	E
	-12.18	-5.00	3.33		
L17	-12.18	-5.00	3.33	0.60	E
	-12.18	-5.00	7.92		
L18	-4.06	-5.00	-0.32	0.60	E
	-4.06	-5.00	3.33		
L19	-4.06	-5.00	3.33	0.60	E
	-4.06	-5.00	7.92		
L20	-6.09	-5.00	-0.32	0.60	E
	-6.09	-5.00	3.33		
L21	-6.09	-5.00	3.33	0.60	E
	-6.09	-5.00	7.92		
L22	-14.21	-5.00	-0.32	0.60	E
	-14.21	-5.00	3.33		
L23	-14.21	-5.00	3.33	0.60	E
	-14.21	-5.00	7.92		
L24	0.00	-5.00	-0.32	0.60	E
	0.00	-5.00	3.33		
L25	0.00	-5.00	3.33	0.60	E
	0.00	-5.00	7.92		
L26	-16.24	-5.00	-0.32	0.30	E
	-16.24	-5.00	3.33		
L27	-8.12	-5.00	-0.32	0.60	E
	-8.12	-5.00	3.33		
L28	-8.12	-5.00	3.33	0.60	E
	-8.12	-5.00	7.92		
L29	-2.03	-5.00	-0.32	0.60	E
	-2.03	-5.00	3.33		
L30	-2.03	-5.00	3.33	0.60	E
	-2.03	-5.00	7.92		
L31	2.03	-5.00	-0.32	0.60	E
	2.03	-5.00	3.33		
L32	2.03	-5.00	3.33	0.60	E
	2.03	-5.00	7.92		
L33	16.24	-5.00	3.33	0.30	E
	16.24	-5.00	7.92		
L34	-16.24	-5.00	3.33	0.30	E
	-16.24	-5.00	7.92		

LF: 000-W-R

Windlasten, Anströmrichtung 0°

Lastbereiche

Bereiche der Windbelastung

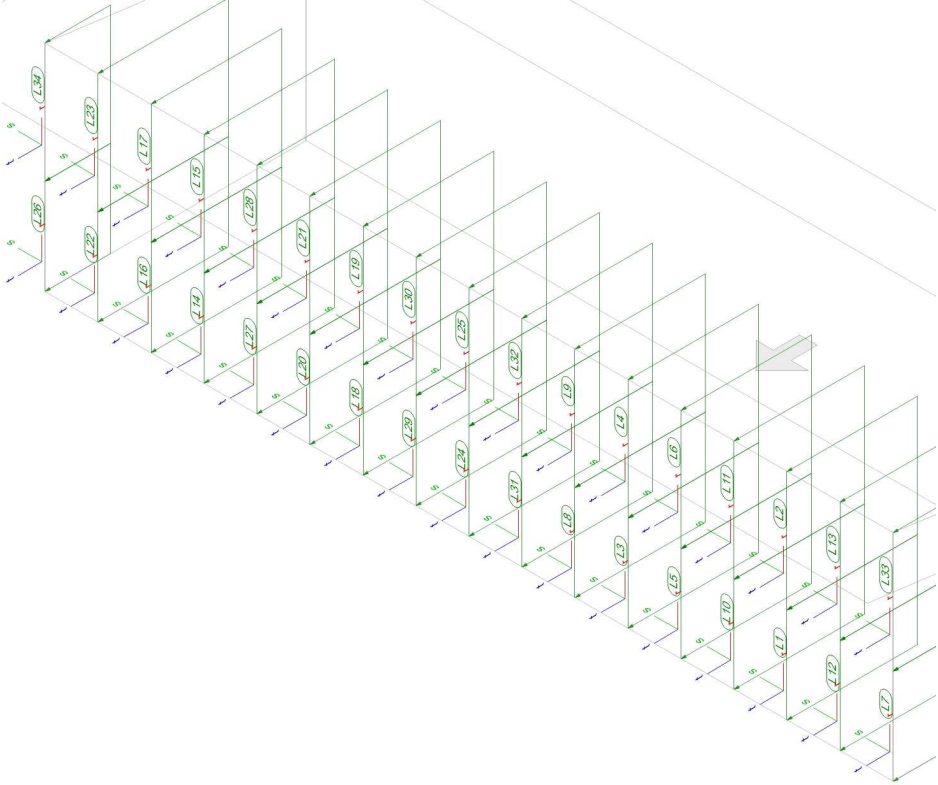


Bereich E

Lastgröße			pt	=	0.29	kN/m ²
r	=	32.48	32.48	0.00	0.00	m
s	=	0.00	8.24	8.24	0.00	m

Verteilte Lasten

Übersicht der verteilten Lasten



Linienlasten

Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
L1	12.18	-5.00	-0.32	0.60	E
	12.18	-5.00	3.33		
L2	12.18	-5.00	3.33	0.60	E
	12.18	-5.00	7.92		
L3	6.09	-5.00	-0.32	0.60	E
	6.09	-5.00	3.33		
L4	6.09	-5.00	3.33	0.60	E
	6.09	-5.00	7.92		

Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
L5	8.12	-5.00	-0.32	0.60	E
	8.12	-5.00	3.33		
L6	8.12	-5.00	3.33	0.60	E
	8.12	-5.00	7.92		
L7	16.24	-5.00	-0.32	0.30	E
	16.24	-5.00	3.33		
L8	4.06	-5.00	-0.32	0.60	E
	4.06	-5.00	3.33		
L9	4.06	-5.00	3.33	0.60	E
	4.06	-5.00	7.92		
L10	10.15	-5.00	-0.32	0.60	E
	10.15	-5.00	3.33		
L11	10.15	-5.00	3.33	0.60	E
	10.15	-5.00	7.92		
L12	14.21	-5.00	-0.32	0.60	E
	14.21	-5.00	3.33		
L13	14.21	-5.00	3.33	0.60	E
	14.21	-5.00	7.92		
L14	-10.15	-5.00	-0.32	0.60	E
	-10.15	-5.00	3.33		
L15	-10.15	-5.00	3.33	0.60	E
	-10.15	-5.00	7.92		
L16	-12.18	-5.00	-0.32	0.60	E
	-12.18	-5.00	3.33		
L17	-12.18	-5.00	3.33	0.60	E
	-12.18	-5.00	7.92		
L18	-4.06	-5.00	-0.32	0.60	E
	-4.06	-5.00	3.33		
L19	-4.06	-5.00	3.33	0.60	E
	-4.06	-5.00	7.92		
L20	-6.09	-5.00	-0.32	0.60	E
	-6.09	-5.00	3.33		
L21	-6.09	-5.00	3.33	0.60	E
	-6.09	-5.00	7.92		
L22	-14.21	-5.00	-0.32	0.60	E
	-14.21	-5.00	3.33		
L23	-14.21	-5.00	3.33	0.60	E
	-14.21	-5.00	7.92		
L24	0.00	-5.00	-0.32	0.60	E
	0.00	-5.00	3.33		
L25	0.00	-5.00	3.33	0.60	E
	0.00	-5.00	7.92		
L26	-16.24	-5.00	-0.32	0.30	E
	-16.24	-5.00	3.33		
L27	-8.12	-5.00	-0.32	0.60	E
	-8.12	-5.00	3.33		
L28	-8.12	-5.00	3.33	0.60	E
	-8.12	-5.00	7.92		
L29	-2.03	-5.00	-0.32	0.60	E
	-2.03	-5.00	3.33		

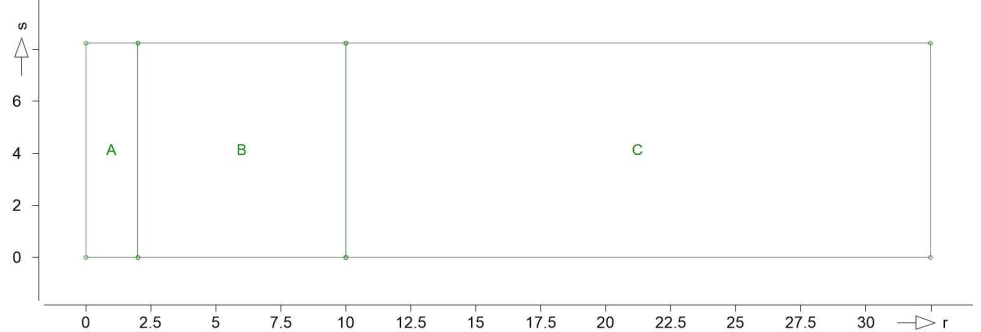
Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
L30	-2.03 -2.03	-5.00 -5.00	3.33 7.92	0.60	E
L31	2.03 2.03	-5.00 -5.00	-0.32 3.33	0.60	E
L32	2.03 2.03	-5.00 -5.00	3.33 7.92	0.60	E
L33	16.24 16.24	-5.00 -5.00	3.33 7.92	0.30	E
L34	-16.24 -16.24	-5.00 -5.00	3.33 7.92	0.30	E

LF: 090-W

Windlasten, Anströmrichtung 90°

Lastbereiche

Bereiche der Windbelastung



Bereich A

Lastgröße	pt	=	0.78	kN/m ²
r =	2.00	2.00	0.00	0.00 m
s =	0.00	8.24	8.24	0.00 m

Bereich B

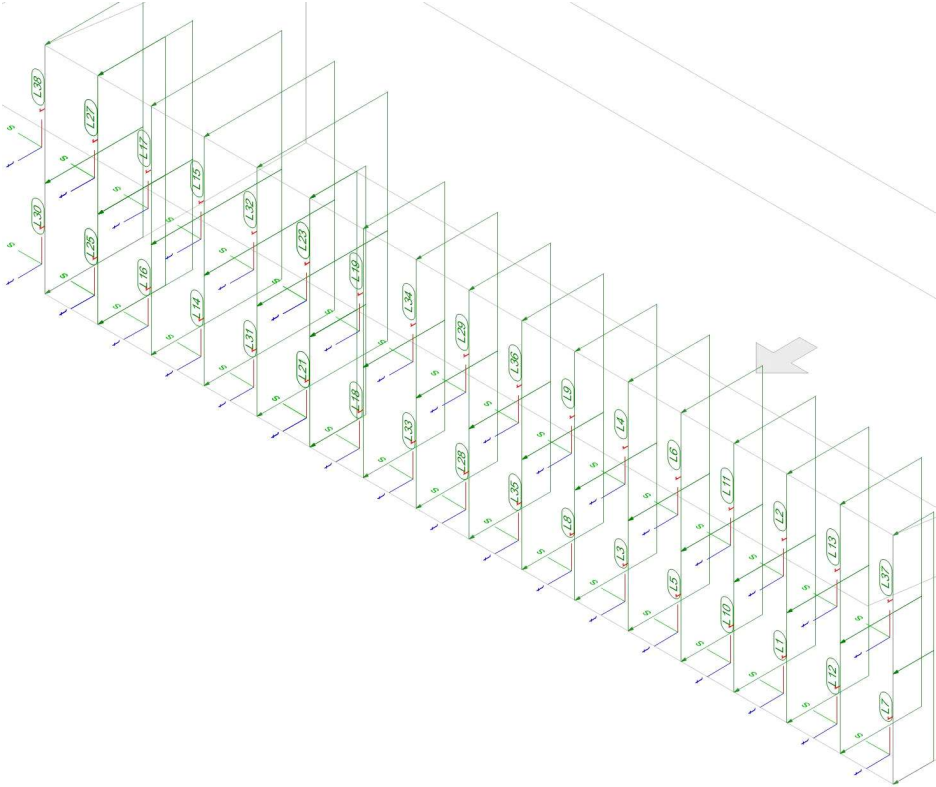
Lastgröße	pt	=	0.52	kN/m ²
r =	10.00	10.00	2.00	2.00 m
s =	0.00	8.24	8.24	0.00 m

Bereich C

Lastgröße	pt	=	0.33	kN/m ²
r =	32.48	32.48	10.00	10.00 m
s =	0.00	8.24	8.24	0.00 m

Verteilte Lasten

Übersicht der verteilten Lasten



Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
	14.21	-5.00	7.92		
L14	-10.15	-5.00	-0.32	1.06	B
	-10.15	-5.00	3.33		
L15	-10.15	-5.00	3.33	1.06	B
	-10.15	-5.00	7.92		
L16	-12.18	-5.00	-0.32	1.06	B
	-12.18	-5.00	3.33		
L17	-12.18	-5.00	3.33	1.06	B
	-12.18	-5.00	7.92		
L18	-4.06	-5.00	-0.32	0.66	C
	-4.06	-5.00	3.33		
L19	-4.06	-5.00	3.33	0.66	C
	-4.06	-5.00	7.92		
L20	-6.09	-5.00	-0.32	0.38	C
	-6.09	-5.00	3.33		
L21	-6.09	-5.00	-0.32	0.45	B
	-6.09	-5.00	3.33		
L22	-6.09	-5.00	3.33	0.38	C
	-6.09	-5.00	7.92		
L23	-6.09	-5.00	3.33	0.45	B
	-6.09	-5.00	7.92		
L24	-14.21	-5.00	-0.32	0.54	B
	-14.21	-5.00	3.33		
L25	-14.21	-5.00	-0.32	0.77	A
	-14.21	-5.00	3.33		
L26	-14.21	-5.00	3.33	0.54	B
	-14.21	-5.00	7.92		
L27	-14.21	-5.00	3.33	0.77	A
	-14.21	-5.00	7.92		
L28	0.00	-5.00	-0.32	0.66	C
	0.00	-5.00	3.33		
L29	0.00	-5.00	3.33	0.66	C
	0.00	-5.00	7.92		
L30	-16.24	-5.00	-0.32	0.79	A
	-16.24	-5.00	3.33		
L31	-8.12	-5.00	-0.32	1.06	B
	-8.12	-5.00	3.33		
L32	-8.12	-5.00	3.33	1.06	B
	-8.12	-5.00	7.92		
L33	-2.03	-5.00	-0.32	0.66	C
	-2.03	-5.00	3.33		
L34	-2.03	-5.00	3.33	0.66	C
	-2.03	-5.00	7.92		
L35	2.03	-5.00	-0.32	0.66	C
	2.03	-5.00	3.33		
L36	2.03	-5.00	3.33	0.66	C
	2.03	-5.00	7.92		
L37	16.24	-5.00	3.33	0.33	C
	16.24	-5.00	7.92		
L38	-16.24	-5.00	3.33	0.79	A

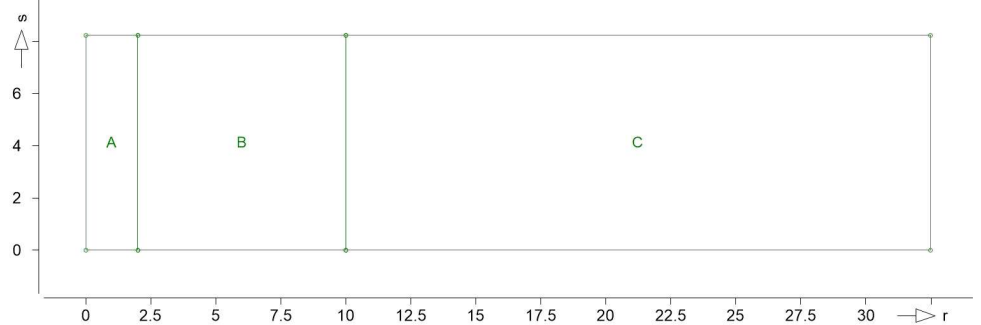
Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
	-16.24	-5.00	7.92		

LF: 090-W-L

Windlasten, Anströmrichtung 90°

Lastbereiche

Bereiche der Windbelastung



Bereich A

Lastgröße	pt	=	0.78	kN/m ²
r =	2.00	2.00	0.00	0.00 m
s =	0.00	8.24	8.24	0.00 m

Bereich B

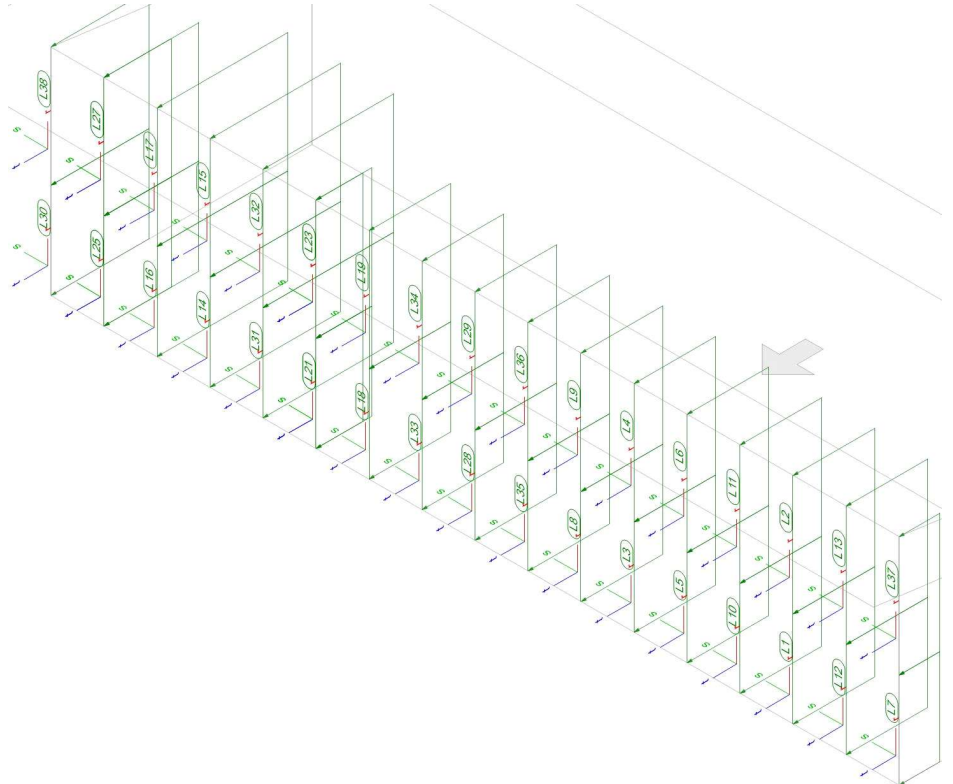
Lastgröße	pt	=	0.52	kN/m ²
r =	10.00	10.00	2.00	2.00 m
s =	0.00	8.24	8.24	0.00 m

Bereich C

Lastgröße	pt	=	0.33	kN/m ²
r =	32.48	32.48	10.00	10.00 m
s =	0.00	8.24	8.24	0.00 m

Verteilte Lasten

Übersicht der verteilten Lasten



Linienlasten

Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
L1	12.18	-5.00	-0.32	0.66	C
	12.18	-5.00	3.33		
L2	12.18	-5.00	3.33	0.66	C
	12.18	-5.00	7.92		
L3	6.09	-5.00	-0.32	0.66	C
	6.09	-5.00	3.33		
L4	6.09	-5.00	3.33	0.66	C
	6.09	-5.00	7.92		
L5	8.12	-5.00	-0.32	0.66	C
	8.12	-5.00	3.33		
L6	8.12	-5.00	3.33	0.66	C
	8.12	-5.00	7.92		
L7	16.24	-5.00	-0.32	0.33	C
	16.24	-5.00	3.33		
L8	4.06	-5.00	-0.32	0.66	C
	4.06	-5.00	3.33		
L9	4.06	-5.00	3.33	0.66	C
	4.06	-5.00	7.92		
L10	10.15	-5.00	-0.32	0.66	C
	10.15	-5.00	3.33		
L11	10.15	-5.00	3.33	0.66	C
	10.15	-5.00	7.92		
L12	14.21	-5.00	-0.32	0.66	C
	14.21	-5.00	3.33		
L13	14.21	-5.00	3.33	0.66	C
	14.21	-5.00	7.92		
L14	-10.15	-5.00	-0.32	1.06	B
	-10.15	-5.00	3.33		
L15	-10.15	-5.00	3.33	1.06	B
	-10.15	-5.00	7.92		
L16	-12.18	-5.00	-0.32	1.06	B
	-12.18	-5.00	3.33		
L17	-12.18	-5.00	3.33	1.06	B
	-12.18	-5.00	7.92		
L18	-4.06	-5.00	-0.32	0.66	C
	-4.06	-5.00	3.33		
L19	-4.06	-5.00	3.33	0.66	C
	-4.06	-5.00	7.92		
L20	-6.09	-5.00	-0.32	0.38	C
	-6.09	-5.00	3.33		
L21	-6.09	-5.00	-0.32	0.45	B
	-6.09	-5.00	3.33		
L22	-6.09	-5.00	3.33	0.38	C
	-6.09	-5.00	7.92		
L23	-6.09	-5.00	3.33	0.45	B
	-6.09	-5.00	7.92		
L24	-14.21	-5.00	-0.32	0.54	B
	-14.21	-5.00	3.33		
L25	-14.21	-5.00	-0.32	0.77	A
	-14.21	-5.00	3.33		

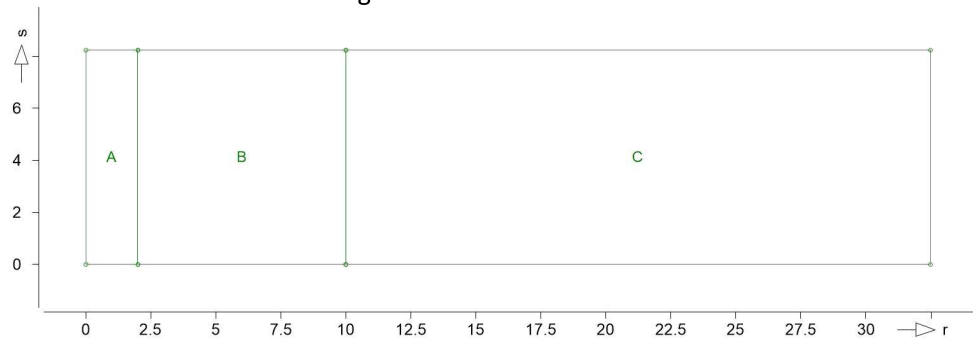
Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
L26	-14.21 -14.21	-5.00 -5.00	3.33 7.92	0.54	B
L27	-14.21 -14.21	-5.00 -5.00	3.33 7.92	0.77	A
L28	0.00 0.00	-5.00 -5.00	-0.32 3.33	0.66	C
L29	0.00 0.00	-5.00 -5.00	3.33 7.92	0.66	C
L30	-16.24 -16.24	-5.00 -5.00	-0.32 3.33	0.79	A
L31	-8.12 -8.12	-5.00 -5.00	-0.32 3.33	1.06	B
L32	-8.12 -8.12	-5.00 -5.00	3.33 7.92	1.06	B
L33	-2.03 -2.03	-5.00 -5.00	-0.32 3.33	0.66	C
L34	-2.03 -2.03	-5.00 -5.00	3.33 7.92	0.66	C
L35	2.03 2.03	-5.00 -5.00	-0.32 3.33	0.66	C
L36	2.03 2.03	-5.00 -5.00	3.33 7.92	0.66	C
L37	16.24 16.24	-5.00 -5.00	3.33 7.92	0.33	C
L38	-16.24 -16.24	-5.00 -5.00	3.33 7.92	0.79	A

LF: 090-W-R

Windlasten, Anströmrichtung 90°

Lastbereiche

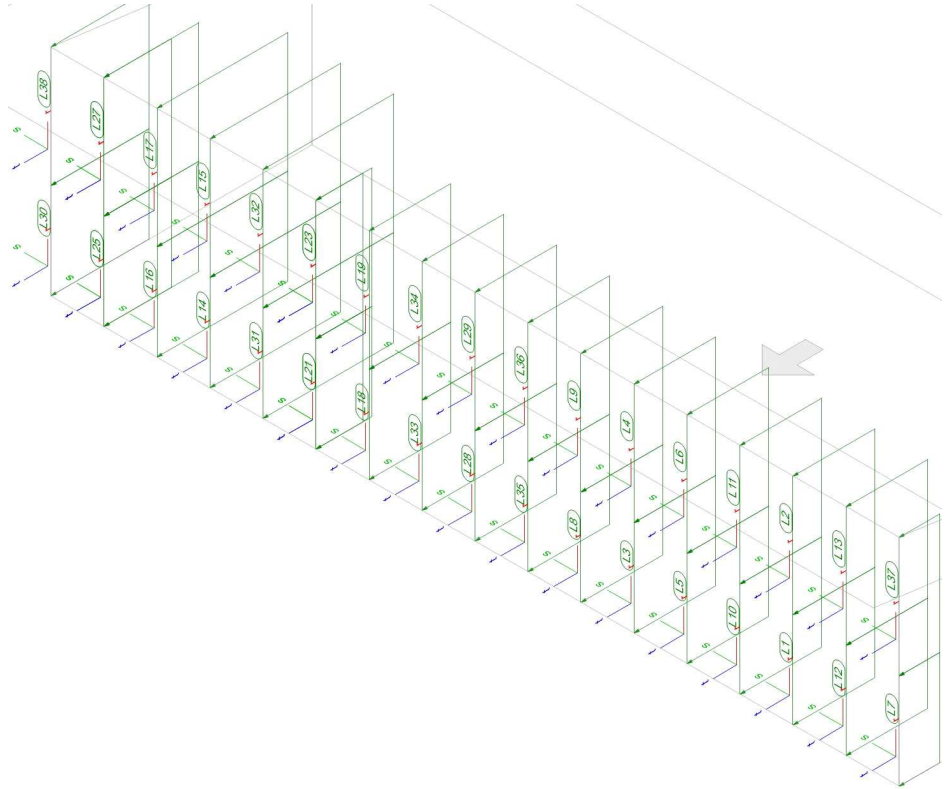
Bereiche der Windbelastung



Bereich A	Lastgröße	pt	=	0.78	kN/m ²
	r = 2.00	2.00	0.00	0.00	m
	s = 0.00	8.24	8.24	0.00	m
Bereich B	Lastgröße	pt	=	0.52	kN/m ²
	r = 10.00	10.00	2.00	2.00	m
	s = 0.00	8.24	8.24	0.00	m
Bereich C	Lastgröße	pt	=	0.33	kN/m ²
	r = 32.48	32.48	10.00	10.00	m
	s = 0.00	8.24	8.24	0.00	m

Verteilte Lasten

Übersicht der verteilten Lasten



Linienlasten

Bez.	x1	y1	z1	Last	WB
	x2	y2	z2		
	[m]	[m]	[m]	[kN/m]	
L1	12.18	-5.00	-0.32	0.66	C
	12.18	-5.00	3.33		
L2	12.18	-5.00	3.33	0.66	C
	12.18	-5.00	7.92		
L3	6.09	-5.00	-0.32	0.66	C
	6.09	-5.00	3.33		
L4	6.09	-5.00	3.33	0.66	C
	6.09	-5.00	7.92		
L5	8.12	-5.00	-0.32	0.66	C
	8.12	-5.00	3.33		
L6	8.12	-5.00	3.33	0.66	C
	8.12	-5.00	7.92		
L7	16.24	-5.00	-0.32	0.33	C
	16.24	-5.00	3.33		
L8	4.06	-5.00	-0.32	0.66	C
	4.06	-5.00	3.33		
L9	4.06	-5.00	3.33	0.66	C
	4.06	-5.00	7.92		
L10	10.15	-5.00	-0.32	0.66	C
	10.15	-5.00	3.33		
L11	10.15	-5.00	3.33	0.66	C
	10.15	-5.00	7.92		
L12	14.21	-5.00	-0.32	0.66	C
	14.21	-5.00	3.33		
L13	14.21	-5.00	3.33	0.66	C

Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
	14.21	-5.00	7.92		
L14	-10.15	-5.00	-0.32	1.06	B
	-10.15	-5.00	3.33		
L15	-10.15	-5.00	3.33	1.06	B
	-10.15	-5.00	7.92		
L16	-12.18	-5.00	-0.32	1.06	B
	-12.18	-5.00	3.33		
L17	-12.18	-5.00	3.33	1.06	B
	-12.18	-5.00	7.92		
L18	-4.06	-5.00	-0.32	0.66	C
	-4.06	-5.00	3.33		
L19	-4.06	-5.00	3.33	0.66	C
	-4.06	-5.00	7.92		
L20	-6.09	-5.00	-0.32	0.38	C
	-6.09	-5.00	3.33		
L21	-6.09	-5.00	-0.32	0.45	B
	-6.09	-5.00	3.33		
L22	-6.09	-5.00	3.33	0.38	C
	-6.09	-5.00	7.92		
L23	-6.09	-5.00	3.33	0.45	B
	-6.09	-5.00	7.92		
L24	-14.21	-5.00	-0.32	0.54	B
	-14.21	-5.00	3.33		
L25	-14.21	-5.00	-0.32	0.77	A
	-14.21	-5.00	3.33		
L26	-14.21	-5.00	3.33	0.54	B
	-14.21	-5.00	7.92		
L27	-14.21	-5.00	3.33	0.77	A
	-14.21	-5.00	7.92		
L28	0.00	-5.00	-0.32	0.66	C
	0.00	-5.00	3.33		
L29	0.00	-5.00	3.33	0.66	C
	0.00	-5.00	7.92		
L30	-16.24	-5.00	-0.32	0.79	A
	-16.24	-5.00	3.33		
L31	-8.12	-5.00	-0.32	1.06	B
	-8.12	-5.00	3.33		
L32	-8.12	-5.00	3.33	1.06	B
	-8.12	-5.00	7.92		
L33	-2.03	-5.00	-0.32	0.66	C
	-2.03	-5.00	3.33		
L34	-2.03	-5.00	3.33	0.66	C
	-2.03	-5.00	7.92		
L35	2.03	-5.00	-0.32	0.66	C
	2.03	-5.00	3.33		
L36	2.03	-5.00	3.33	0.66	C
	2.03	-5.00	7.92		
L37	16.24	-5.00	3.33	0.33	C
	16.24	-5.00	7.92		
L38	-16.24	-5.00	3.33	0.79	A

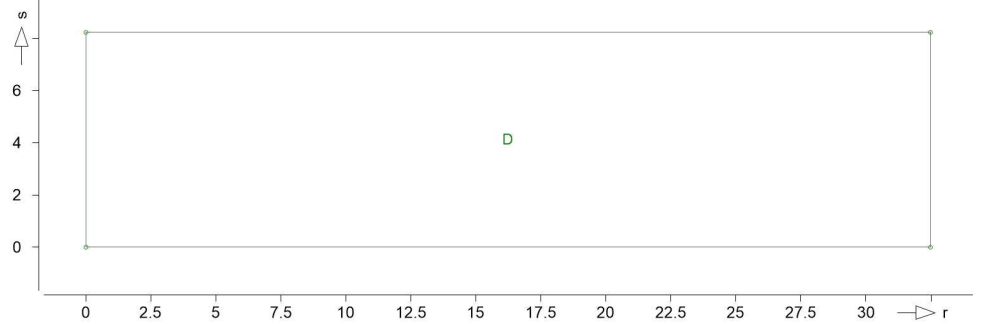
Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
	-16.24	-5.00	7.92		

LF: 180-W

Windlasten, Anströmrichtung 180°

Lastbereiche

Bereiche der Windbelastung

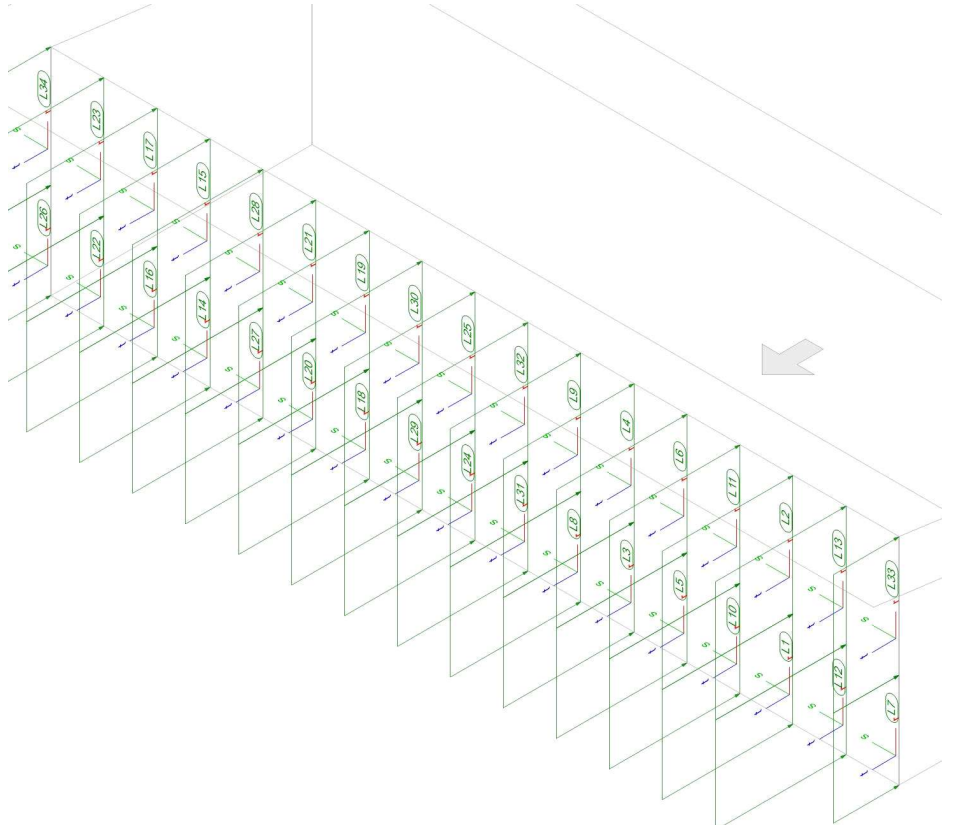


Bereich D

Lastgröße			pt	=	-0.50	kN/m ²
r	=	32.48	32.48	0.00	0.00	m
s	=	0.00	8.24	8.24	0.00	m

Verteilte Lasten

Übersicht der verteilten Lasten



Linienlasten

Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
L1	12.18	-5.00	-0.32	-1.02	D
	12.18	-5.00	3.33		

Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
L2	12.18	-5.00	3.33	-1.02	D
	12.18	-5.00	7.92		
L3	6.09	-5.00	-0.32	-1.02	D
	6.09	-5.00	3.33		
L4	6.09	-5.00	3.33	-1.02	D
	6.09	-5.00	7.92		
L5	8.12	-5.00	-0.32	-1.02	D
	8.12	-5.00	3.33		
L6	8.12	-5.00	3.33	-1.02	D
	8.12	-5.00	7.92		
L7	16.24	-5.00	-0.32	-0.51	D
	16.24	-5.00	3.33		
L8	4.06	-5.00	-0.32	-1.02	D
	4.06	-5.00	3.33		
L9	4.06	-5.00	3.33	-1.02	D
	4.06	-5.00	7.92		
L10	10.15	-5.00	-0.32	-1.02	D
	10.15	-5.00	3.33		
L11	10.15	-5.00	3.33	-1.02	D
	10.15	-5.00	7.92		
L12	14.21	-5.00	-0.32	-1.02	D
	14.21	-5.00	3.33		
L13	14.21	-5.00	3.33	-1.02	D
	14.21	-5.00	7.92		
L14	-10.15	-5.00	-0.32	-1.02	D
	-10.15	-5.00	3.33		
L15	-10.15	-5.00	3.33	-1.02	D
	-10.15	-5.00	7.92		
L16	-12.18	-5.00	-0.32	-1.02	D
	-12.18	-5.00	3.33		
L17	-12.18	-5.00	3.33	-1.02	D
	-12.18	-5.00	7.92		
L18	-4.06	-5.00	-0.32	-1.02	D
	-4.06	-5.00	3.33		
L19	-4.06	-5.00	3.33	-1.02	D
	-4.06	-5.00	7.92		
L20	-6.09	-5.00	-0.32	-1.02	D
	-6.09	-5.00	3.33		
L21	-6.09	-5.00	3.33	-1.02	D
	-6.09	-5.00	7.92		
L22	-14.21	-5.00	-0.32	-1.02	D
	-14.21	-5.00	3.33		
L23	-14.21	-5.00	3.33	-1.02	D
	-14.21	-5.00	7.92		
L24	0.00	-5.00	-0.32	-1.02	D
	0.00	-5.00	3.33		
L25	0.00	-5.00	3.33	-1.02	D
	0.00	-5.00	7.92		
L26	-16.24	-5.00	-0.32	-0.51	D
	-16.24	-5.00	3.33		

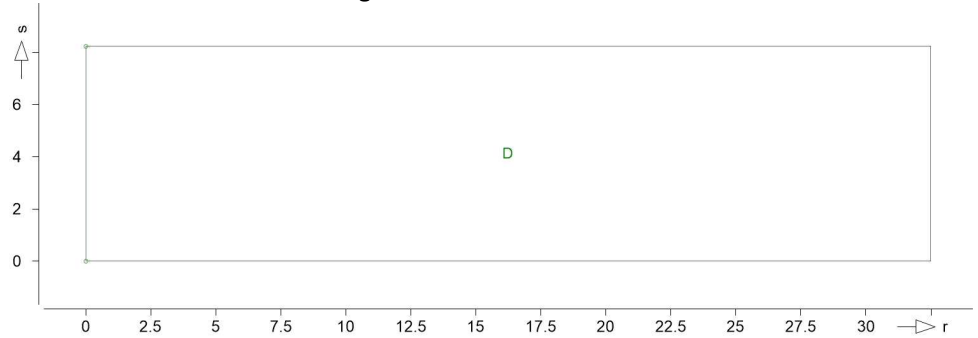
Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
L27	-8.12	-5.00	-0.32	-1.02	D
	-8.12	-5.00	3.33		
L28	-8.12	-5.00	3.33	-1.02	D
	-8.12	-5.00	7.92		
L29	-2.03	-5.00	-0.32	-1.02	D
	-2.03	-5.00	3.33		
L30	-2.03	-5.00	3.33	-1.02	D
	-2.03	-5.00	7.92		
L31	2.03	-5.00	-0.32	-1.02	D
	2.03	-5.00	3.33		
L32	2.03	-5.00	3.33	-1.02	D
	2.03	-5.00	7.92		
L33	16.24	-5.00	3.33	-0.51	D
	16.24	-5.00	7.92		
L34	-16.24	-5.00	3.33	-0.51	D
	-16.24	-5.00	7.92		

LF: 180-W-L

Windlasten, Anströmrichtung 180°

Lastbereiche

Bereiche der Windbelastung

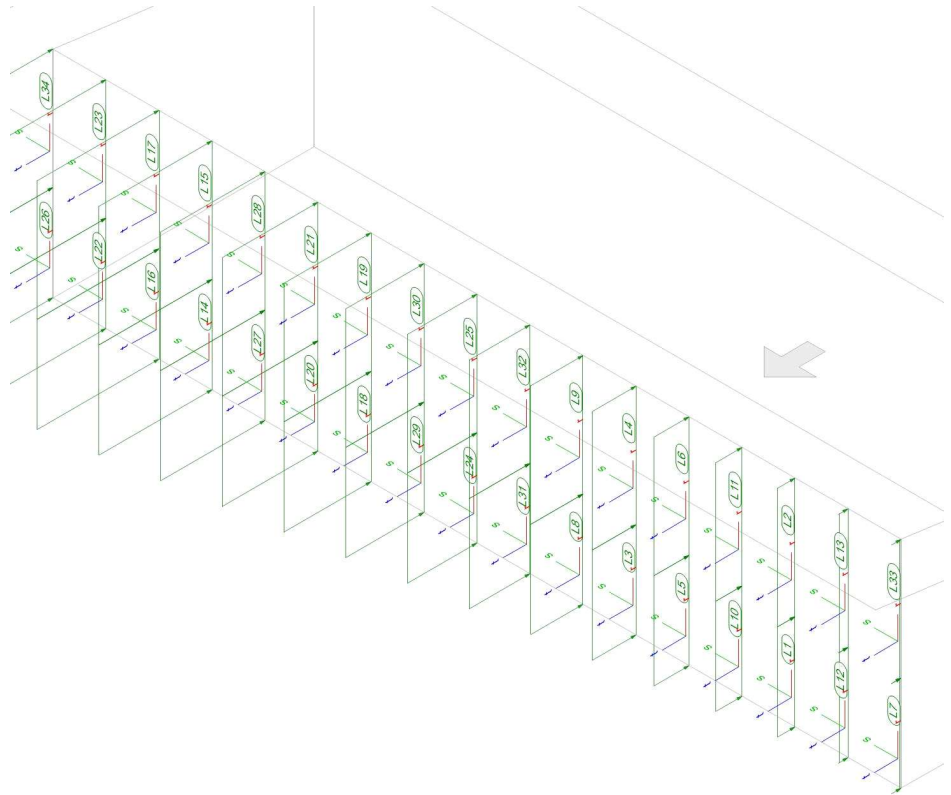


Bereich D

r	=	32.48	32.48	0.00	0.00	m
s	=	0.00	8.24	8.24	0.00	m
pt	=	0.00	0.00	-0.50	-0.50	kN/m²

Verteilte Lasten

Übersicht der verteilten Lasten



Linienlasten

Bez.	x1	y1	z1	Last	WB
	x2	y2	z2		
	[m]	[m]	[m]	[kN/m]	
L1	12.18	-5.00	-0.32	-0.13	D
	12.18	-5.00	3.33		
L2	12.18	-5.00	3.33	-0.13	D
	12.18	-5.00	7.92		
L3	6.09	-5.00	-0.32	-0.32	D
	6.09	-5.00	3.33		
L4	6.09	-5.00	3.33	-0.32	D
	6.09	-5.00	7.92		
L5	8.12	-5.00	-0.32	-0.26	D
	8.12	-5.00	3.33		
L6	8.12	-5.00	3.33	-0.26	D
	8.12	-5.00	7.92		
L7	16.24	-5.00	-0.32	-0.01	D
	16.24	-5.00	3.33		
L8	4.06	-5.00	-0.32	-0.38	D
	4.06	-5.00	3.33		
L9	4.06	-5.00	3.33	-0.38	D
	4.06	-5.00	7.92		
L10	10.15	-5.00	-0.32	-0.19	D
	10.15	-5.00	3.33		
L11	10.15	-5.00	3.33	-0.19	D
	10.15	-5.00	7.92		
L12	14.21	-5.00	-0.32	-0.06	D
	14.21	-5.00	3.33		
L13	14.21	-5.00	3.33	-0.06	D

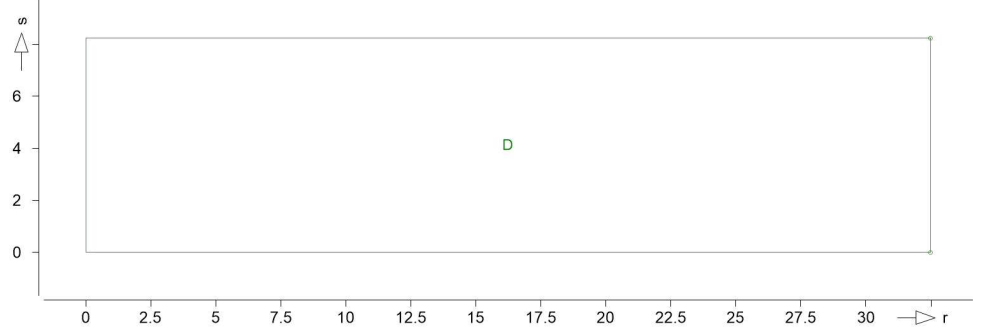
Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
	14.21	-5.00	7.92		
L14	-10.15	-5.00	-0.32	-0.83	D
	-10.15	-5.00	3.33		
L15	-10.15	-5.00	3.33	-0.83	D
	-10.15	-5.00	7.92		
L16	-12.18	-5.00	-0.32	-0.90	D
	-12.18	-5.00	3.33		
L17	-12.18	-5.00	3.33	-0.90	D
	-12.18	-5.00	7.92		
L18	-4.06	-5.00	-0.32	-0.64	D
	-4.06	-5.00	3.33		
L19	-4.06	-5.00	3.33	-0.64	D
	-4.06	-5.00	7.92		
L20	-6.09	-5.00	-0.32	-0.70	D
	-6.09	-5.00	3.33		
L21	-6.09	-5.00	3.33	-0.70	D
	-6.09	-5.00	7.92		
L22	-14.21	-5.00	-0.32	-0.96	D
	-14.21	-5.00	3.33		
L23	-14.21	-5.00	3.33	-0.96	D
	-14.21	-5.00	7.92		
L24	0.00	-5.00	-0.32	-0.51	D
	0.00	-5.00	3.33		
L25	0.00	-5.00	3.33	-0.51	D
	0.00	-5.00	7.92		
L26	-16.24	-5.00	-0.32	-0.50	D
	-16.24	-5.00	3.33		
L27	-8.12	-5.00	-0.32	-0.77	D
	-8.12	-5.00	3.33		
L28	-8.12	-5.00	3.33	-0.77	D
	-8.12	-5.00	7.92		
L29	-2.03	-5.00	-0.32	-0.58	D
	-2.03	-5.00	3.33		
L30	-2.03	-5.00	3.33	-0.58	D
	-2.03	-5.00	7.92		
L31	2.03	-5.00	-0.32	-0.45	D
	2.03	-5.00	3.33		
L32	2.03	-5.00	3.33	-0.45	D
	2.03	-5.00	7.92		
L33	16.24	-5.00	3.33	-0.01	D
	16.24	-5.00	7.92		
L34	-16.24	-5.00	3.33	-0.50	D
	-16.24	-5.00	7.92		

LF: 180-W-R

Windlasten, Anströmrichtung 180°

Lastbereiche

Bereiche der Windbelastung

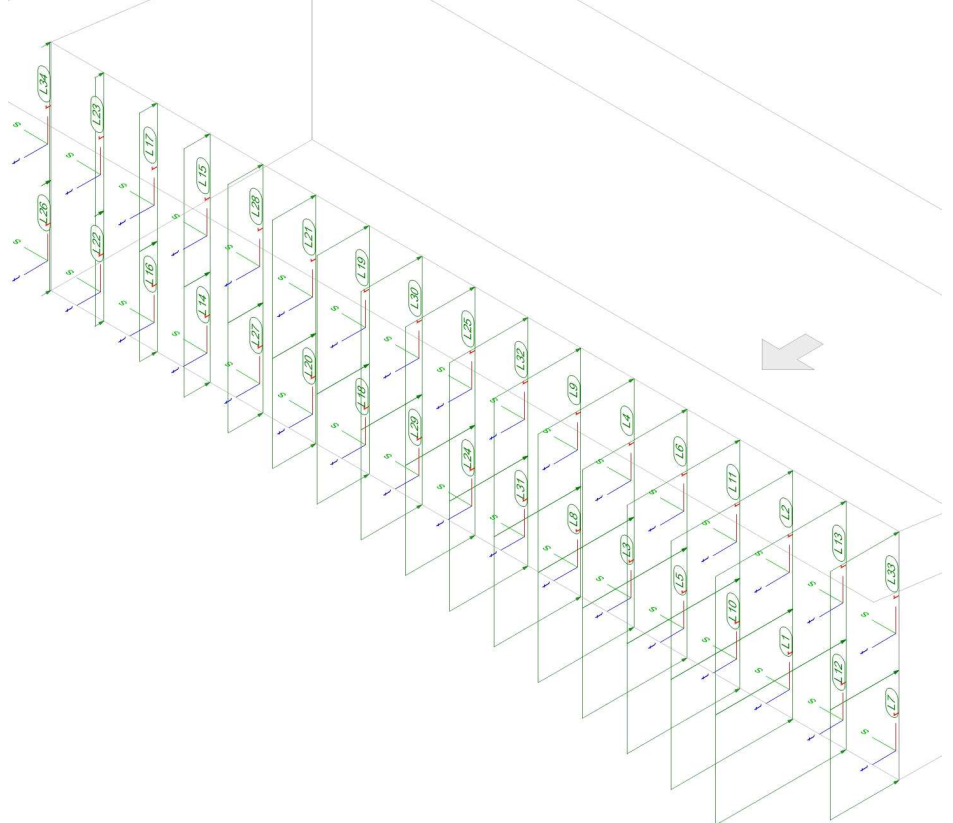


Bereich D

r	=	32.48	32.48	0.00	0.00	m
s	=	0.00	8.24	8.24	0.00	m
pt	=	-0.50	-0.50	0.00	0.00	kN/m ²

Verteilte Lasten

Übersicht der verteilten Lasten



Linienlasten

Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
L1	12.18	-5.00	-0.32	-0.90	D
L2	12.18	-5.00	3.33	-0.90	D
L3	6.09	-5.00	-0.32	-0.70	D
L4	6.09	-5.00	3.33	-0.70	D

Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
	6.09	-5.00	7.92		
L5	8.12	-5.00	-0.32	-0.77	D
	8.12	-5.00	3.33		
L6	8.12	-5.00	3.33	-0.77	D
	8.12	-5.00	7.92		
L7	16.24	-5.00	-0.32	-0.50	D
	16.24	-5.00	3.33		
L8	4.06	-5.00	-0.32	-0.64	D
	4.06	-5.00	3.33		
L9	4.06	-5.00	3.33	-0.64	D
	4.06	-5.00	7.92		
L10	10.15	-5.00	-0.32	-0.83	D
	10.15	-5.00	3.33		
L11	10.15	-5.00	3.33	-0.83	D
	10.15	-5.00	7.92		
L12	14.21	-5.00	-0.32	-0.96	D
	14.21	-5.00	3.33		
L13	14.21	-5.00	3.33	-0.96	D
	14.21	-5.00	7.92		
L14	-10.15	-5.00	-0.32	-0.19	D
	-10.15	-5.00	3.33		
L15	-10.15	-5.00	3.33	-0.19	D
	-10.15	-5.00	7.92		
L16	-12.18	-5.00	-0.32	-0.13	D
	-12.18	-5.00	3.33		
L17	-12.18	-5.00	3.33	-0.13	D
	-12.18	-5.00	7.92		
L18	-4.06	-5.00	-0.32	-0.38	D
	-4.06	-5.00	3.33		
L19	-4.06	-5.00	3.33	-0.38	D
	-4.06	-5.00	7.92		
L20	-6.09	-5.00	-0.32	-0.32	D
	-6.09	-5.00	3.33		
L21	-6.09	-5.00	3.33	-0.32	D
	-6.09	-5.00	7.92		
L22	-14.21	-5.00	-0.32	-0.06	D
	-14.21	-5.00	3.33		
L23	-14.21	-5.00	3.33	-0.06	D
	-14.21	-5.00	7.92		
L24	0.00	-5.00	-0.32	-0.51	D
	0.00	-5.00	3.33		
L25	0.00	-5.00	3.33	-0.51	D
	0.00	-5.00	7.92		
L26	-16.24	-5.00	-0.32	-0.01	D
	-16.24	-5.00	3.33		
L27	-8.12	-5.00	-0.32	-0.26	D
	-8.12	-5.00	3.33		
L28	-8.12	-5.00	3.33	-0.26	D
	-8.12	-5.00	7.92		
L29	-2.03	-5.00	-0.32	-0.45	D

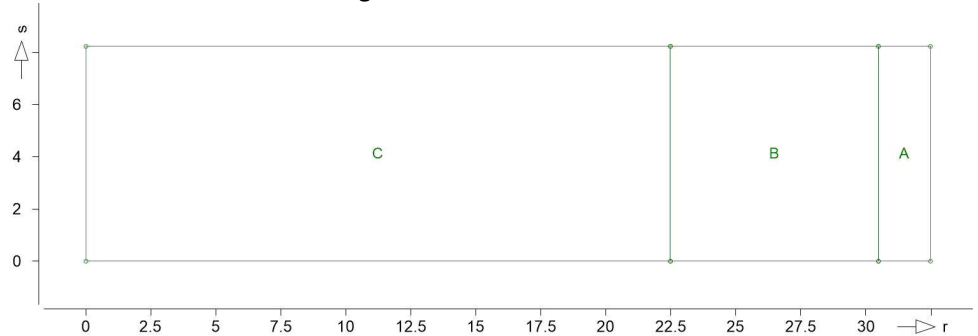
Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
	-2.03	-5.00	3.33		
L30	-2.03	-5.00	3.33	-0.45	D
	-2.03	-5.00	7.92		
L31	2.03	-5.00	-0.32	-0.58	D
	2.03	-5.00	3.33		
L32	2.03	-5.00	3.33	-0.58	D
	2.03	-5.00	7.92		
L33	16.24	-5.00	3.33	-0.50	D
	16.24	-5.00	7.92		
L34	-16.24	-5.00	3.33	-0.01	D
	-16.24	-5.00	7.92		

LF: 270-W

Windlasten, Anströmrichtung 270°

Lastbereiche

Bereiche der Windbelastung



Bereich A

Lastgröße	pt	=	0.78	kN/m ²
r =	32.48	32.48	30.48	30.48 m
s =	0.00	8.24	8.24	0.00 m

Bereich B

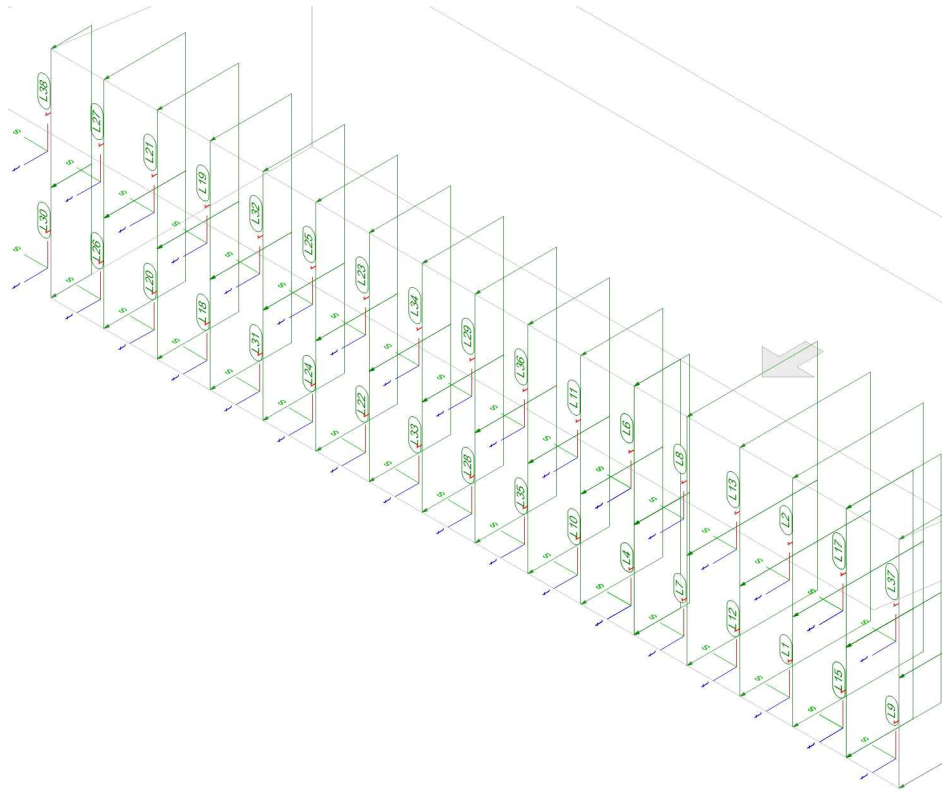
Lastgröße	pt	=	0.52	kN/m ²
r =	30.48	30.48	22.48	22.48 m
s =	0.00	8.24	8.24	0.00 m

Bereich C

Lastgröße	pt	=	0.33	kN/m ²
r =	22.48	22.48	0.00	0.00 m
s =	0.00	8.24	8.24	0.00 m

Verteilte Lasten

Übersicht der verteilten Lasten



Linienlasten

Bez.	x1	y1	z1	Last	WB
	x2	y2	z2		
	[m]	[m]	[m]	[kN/m]	
L1	12.18	-5.00	-0.32	1.06	B
	12.18	-5.00	3.33		
L2	12.18	-5.00	3.33	1.06	B
	12.18	-5.00	7.92		
L3	6.09	-5.00	-0.32	0.38	C
	6.09	-5.00	3.33		
L4	6.09	-5.00	-0.32	0.45	B
	6.09	-5.00	3.33		
L5	6.09	-5.00	3.33	0.38	C
	6.09	-5.00	7.92		
L6	6.09	-5.00	3.33	0.45	B
	6.09	-5.00	7.92		
L7	8.12	-5.00	-0.32	1.06	B
	8.12	-5.00	3.33		
L8	8.12	-5.00	3.33	1.06	B
	8.12	-5.00	7.92		
L9	16.24	-5.00	-0.32	0.79	A
	16.24	-5.00	3.33		
L10	4.06	-5.00	-0.32	0.66	C
	4.06	-5.00	3.33		
L11	4.06	-5.00	3.33	0.66	C
	4.06	-5.00	7.92		
L12	10.15	-5.00	-0.32	1.06	B
	10.15	-5.00	3.33		
L13	10.15	-5.00	3.33	1.06	B

Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
	10.15	-5.00	7.92		
L14	14.21	-5.00	-0.32	0.54	B
	14.21	-5.00	3.33		
L15	14.21	-5.00	-0.32	0.77	A
	14.21	-5.00	3.33		
L16	14.21	-5.00	3.33	0.54	B
	14.21	-5.00	7.92		
L17	14.21	-5.00	3.33	0.77	A
	14.21	-5.00	7.92		
L18	-10.15	-5.00	-0.32	0.66	C
	-10.15	-5.00	3.33		
L19	-10.15	-5.00	3.33	0.66	C
	-10.15	-5.00	7.92		
L20	-12.18	-5.00	-0.32	0.66	C
	-12.18	-5.00	3.33		
L21	-12.18	-5.00	3.33	0.66	C
	-12.18	-5.00	7.92		
L22	-4.06	-5.00	-0.32	0.66	C
	-4.06	-5.00	3.33		
L23	-4.06	-5.00	3.33	0.66	C
	-4.06	-5.00	7.92		
L24	-6.09	-5.00	-0.32	0.66	C
	-6.09	-5.00	3.33		
L25	-6.09	-5.00	3.33	0.66	C
	-6.09	-5.00	7.92		
L26	-14.21	-5.00	-0.32	0.66	C
	-14.21	-5.00	3.33		
L27	-14.21	-5.00	3.33	0.66	C
	-14.21	-5.00	7.92		
L28	0.00	-5.00	-0.32	0.66	C
	0.00	-5.00	3.33		
L29	0.00	-5.00	3.33	0.66	C
	0.00	-5.00	7.92		
L30	-16.24	-5.00	-0.32	0.33	C
	-16.24	-5.00	3.33		
L31	-8.12	-5.00	-0.32	0.66	C
	-8.12	-5.00	3.33		
L32	-8.12	-5.00	3.33	0.66	C
	-8.12	-5.00	7.92		
L33	-2.03	-5.00	-0.32	0.66	C
	-2.03	-5.00	3.33		
L34	-2.03	-5.00	3.33	0.66	C
	-2.03	-5.00	7.92		
L35	2.03	-5.00	-0.32	0.66	C
	2.03	-5.00	3.33		
L36	2.03	-5.00	3.33	0.66	C
	2.03	-5.00	7.92		
L37	16.24	-5.00	3.33	0.79	A
	16.24	-5.00	7.92		
L38	-16.24	-5.00	3.33	0.33	C

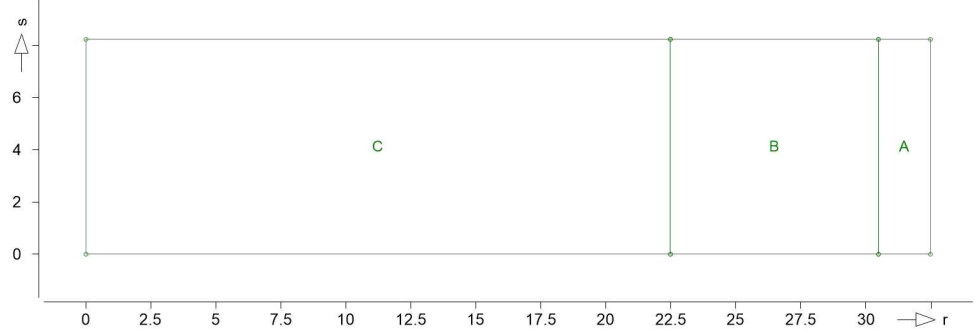
Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
	-16.24	-5.00	7.92		

LF: 270-W-L

Windlasten, Anströmrichtung 270°

Lastbereiche

Bereiche der Windbelastung



Bereich A

Lastgröße	pt	=	0.78	kN/m ²
r =	32.48	32.48	30.48	30.48 m
s =	0.00	8.24	8.24	0.00 m

Bereich B

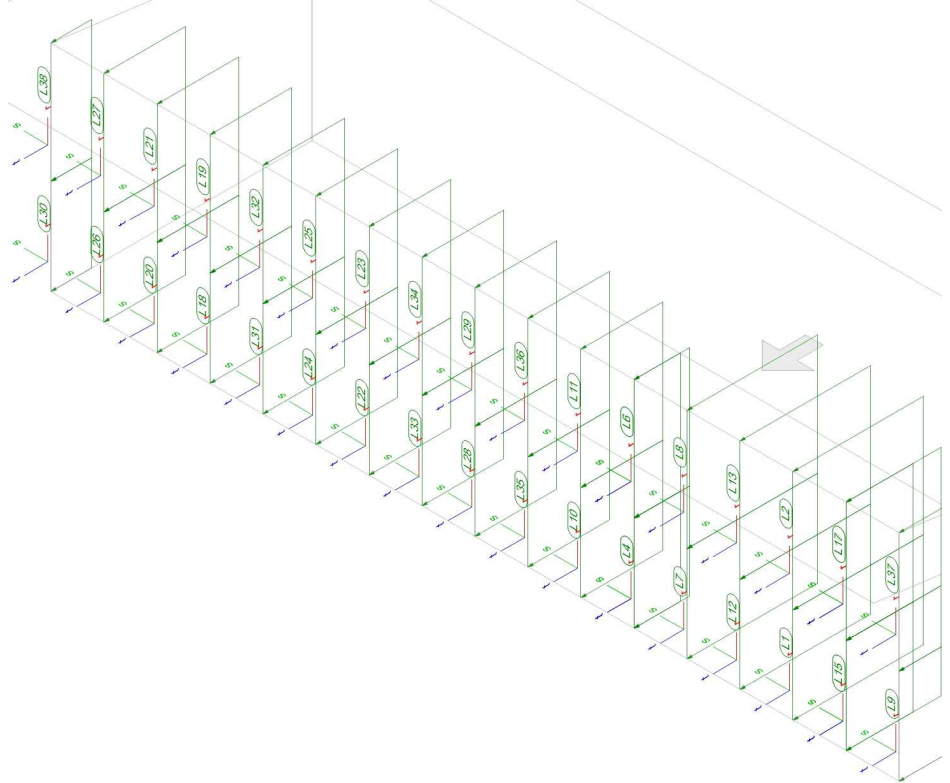
Lastgröße	pt	=	0.52	kN/m ²
r =	30.48	30.48	22.48	22.48 m
s =	0.00	8.24	8.24	0.00 m

Bereich C

Lastgröße	pt	=	0.33	kN/m ²
r =	22.48	22.48	0.00	0.00 m
s =	0.00	8.24	8.24	0.00 m

Verteilte Lasten

Übersicht der verteilten Lasten



Linienlasten

Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
L1	12.18	-5.00	-0.32	1.06	B
	12.18	-5.00	3.33		
L2	12.18	-5.00	3.33	1.06	B
	12.18	-5.00	7.92		
L3	6.09	-5.00	-0.32	0.38	C
	6.09	-5.00	3.33		
L4	6.09	-5.00	-0.32	0.45	B
	6.09	-5.00	3.33		
L5	6.09	-5.00	3.33	0.38	C
	6.09	-5.00	7.92		
L6	6.09	-5.00	3.33	0.45	B
	6.09	-5.00	7.92		
L7	8.12	-5.00	-0.32	1.06	B
	8.12	-5.00	3.33		
L8	8.12	-5.00	3.33	1.06	B
	8.12	-5.00	7.92		
L9	16.24	-5.00	-0.32	0.79	A
	16.24	-5.00	3.33		
L10	4.06	-5.00	-0.32	0.66	C
	4.06	-5.00	3.33		
L11	4.06	-5.00	3.33	0.66	C
	4.06	-5.00	7.92		
L12	10.15	-5.00	-0.32	1.06	B
	10.15	-5.00	3.33		
L13	10.15	-5.00	3.33	1.06	B
	10.15	-5.00	7.92		
L14	14.21	-5.00	-0.32	0.54	B
	14.21	-5.00	3.33		
L15	14.21	-5.00	-0.32	0.77	A
	14.21	-5.00	3.33		
L16	14.21	-5.00	3.33	0.54	B
	14.21	-5.00	7.92		
L17	14.21	-5.00	3.33	0.77	A
	14.21	-5.00	7.92		
L18	-10.15	-5.00	-0.32	0.66	C
	-10.15	-5.00	3.33		
L19	-10.15	-5.00	3.33	0.66	C
	-10.15	-5.00	7.92		
L20	-12.18	-5.00	-0.32	0.66	C
	-12.18	-5.00	3.33		
L21	-12.18	-5.00	3.33	0.66	C
	-12.18	-5.00	7.92		
L22	-4.06	-5.00	-0.32	0.66	C
	-4.06	-5.00	3.33		
L23	-4.06	-5.00	3.33	0.66	C
	-4.06	-5.00	7.92		
L24	-6.09	-5.00	-0.32	0.66	C
	-6.09	-5.00	3.33		
L25	-6.09	-5.00	3.33	0.66	C
	-6.09	-5.00	7.92		

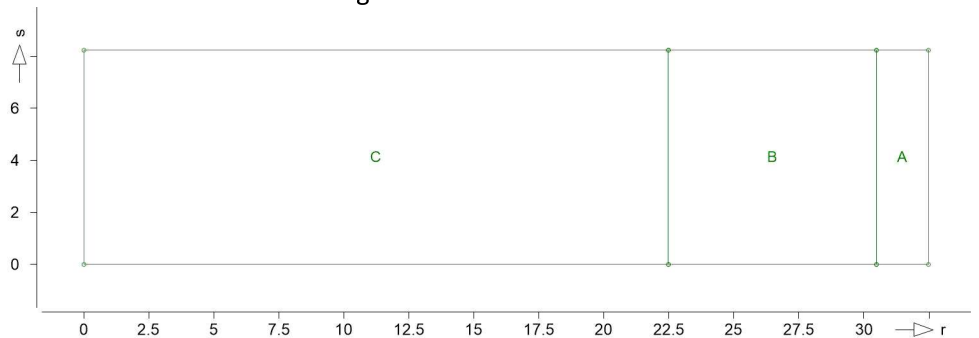
Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
L26	-14.21	-5.00	-0.32	0.66	C
	-14.21	-5.00	3.33		
L27	-14.21	-5.00	3.33	0.66	C
	-14.21	-5.00	7.92		
L28	0.00	-5.00	-0.32	0.66	C
	0.00	-5.00	3.33		
L29	0.00	-5.00	3.33	0.66	C
	0.00	-5.00	7.92		
L30	-16.24	-5.00	-0.32	0.33	C
	-16.24	-5.00	3.33		
L31	-8.12	-5.00	-0.32	0.66	C
	-8.12	-5.00	3.33		
L32	-8.12	-5.00	3.33	0.66	C
	-8.12	-5.00	7.92		
L33	-2.03	-5.00	-0.32	0.66	C
	-2.03	-5.00	3.33		
L34	-2.03	-5.00	3.33	0.66	C
	-2.03	-5.00	7.92		
L35	2.03	-5.00	-0.32	0.66	C
	2.03	-5.00	3.33		
L36	2.03	-5.00	3.33	0.66	C
	2.03	-5.00	7.92		
L37	16.24	-5.00	3.33	0.79	A
	16.24	-5.00	7.92		
L38	-16.24	-5.00	3.33	0.33	C
	-16.24	-5.00	7.92		

LF: 270-W-R

Windlasten, Anströmrichtung 270°

Lastbereiche

Bereiche der Windbelastung



Bereich A

Lastgröße	pt	=	0.78	kN/m ²
r =	32.48	32.48	30.48	30.48 m
s =	0.00	8.24	8.24	0.00 m

Bereich B

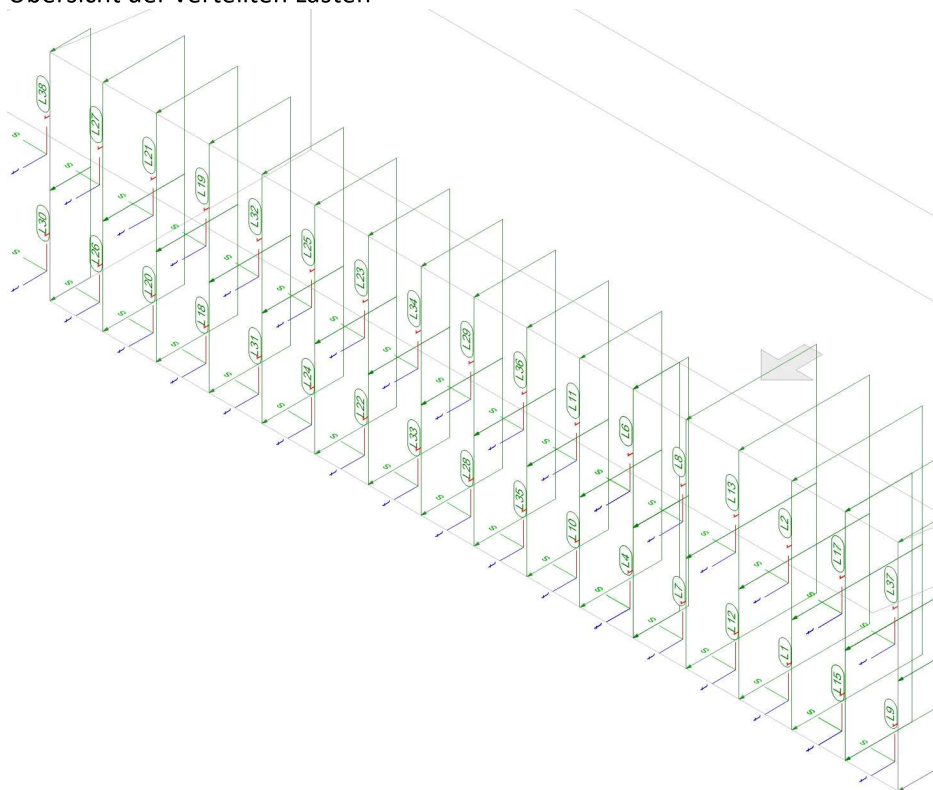
Lastgröße	pt	=	0.52	kN/m ²
r =	30.48	30.48	22.48	22.48 m
s =	0.00	8.24	8.24	0.00 m

Bereich C

Lastgröße	pt	=	0.33	kN/m ²
r =	22.48	22.48	0.00	0.00 m
s =	0.00	8.24	8.24	0.00 m

Verteilte Lasten

Übersicht der verteilten Lasten



Linienlasten

Bez.	x1	y1	z1	Last	WB
	x2	y2	z2		
	[m]	[m]	[m]	[kN/m]	
L1	12.18	-5.00	-0.32	1.06	B
	12.18	-5.00	3.33		
L2	12.18	-5.00	3.33	1.06	B
	12.18	-5.00	7.92		
L3	6.09	-5.00	-0.32	0.38	C
	6.09	-5.00	3.33		
L4	6.09	-5.00	-0.32	0.45	B
	6.09	-5.00	3.33		
L5	6.09	-5.00	3.33	0.38	C
	6.09	-5.00	7.92		
L6	6.09	-5.00	3.33	0.45	B
	6.09	-5.00	7.92		
L7	8.12	-5.00	-0.32	1.06	B
	8.12	-5.00	3.33		
L8	8.12	-5.00	3.33	1.06	B
	8.12	-5.00	7.92		
L9	16.24	-5.00	-0.32	0.79	A
	16.24	-5.00	3.33		
L10	4.06	-5.00	-0.32	0.66	C
	4.06	-5.00	3.33		
L11	4.06	-5.00	3.33	0.66	C
	4.06	-5.00	7.92		
L12	10.15	-5.00	-0.32	1.06	B
	10.15	-5.00	3.33		
L13	10.15	-5.00	3.33	1.06	B

Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
	10.15	-5.00	7.92		
L14	14.21	-5.00	-0.32	0.54	B
	14.21	-5.00	3.33		
L15	14.21	-5.00	-0.32	0.77	A
	14.21	-5.00	3.33		
L16	14.21	-5.00	3.33	0.54	B
	14.21	-5.00	7.92		
L17	14.21	-5.00	3.33	0.77	A
	14.21	-5.00	7.92		
L18	-10.15	-5.00	-0.32	0.66	C
	-10.15	-5.00	3.33		
L19	-10.15	-5.00	3.33	0.66	C
	-10.15	-5.00	7.92		
L20	-12.18	-5.00	-0.32	0.66	C
	-12.18	-5.00	3.33		
L21	-12.18	-5.00	3.33	0.66	C
	-12.18	-5.00	7.92		
L22	-4.06	-5.00	-0.32	0.66	C
	-4.06	-5.00	3.33		
L23	-4.06	-5.00	3.33	0.66	C
	-4.06	-5.00	7.92		
L24	-6.09	-5.00	-0.32	0.66	C
	-6.09	-5.00	3.33		
L25	-6.09	-5.00	3.33	0.66	C
	-6.09	-5.00	7.92		
L26	-14.21	-5.00	-0.32	0.66	C
	-14.21	-5.00	3.33		
L27	-14.21	-5.00	3.33	0.66	C
	-14.21	-5.00	7.92		
L28	0.00	-5.00	-0.32	0.66	C
	0.00	-5.00	3.33		
L29	0.00	-5.00	3.33	0.66	C
	0.00	-5.00	7.92		
L30	-16.24	-5.00	-0.32	0.33	C
	-16.24	-5.00	3.33		
L31	-8.12	-5.00	-0.32	0.66	C
	-8.12	-5.00	3.33		
L32	-8.12	-5.00	3.33	0.66	C
	-8.12	-5.00	7.92		
L33	-2.03	-5.00	-0.32	0.66	C
	-2.03	-5.00	3.33		
L34	-2.03	-5.00	3.33	0.66	C
	-2.03	-5.00	7.92		
L35	2.03	-5.00	-0.32	0.66	C
	2.03	-5.00	3.33		
L36	2.03	-5.00	3.33	0.66	C
	2.03	-5.00	7.92		
L37	16.24	-5.00	3.33	0.79	A
	16.24	-5.00	7.92		
L38	-16.24	-5.00	3.33	0.33	C

Bez.	x1	y1	z1	Last	WB
	x2	y2	z2		
	[m]	[m]	[m]	[kN/m]	
	-16.24	-5.00	7.92		

Giebel vorne

Belastungen auf die vordere Giebelseite

Die folgenden Lasten werden generiert:

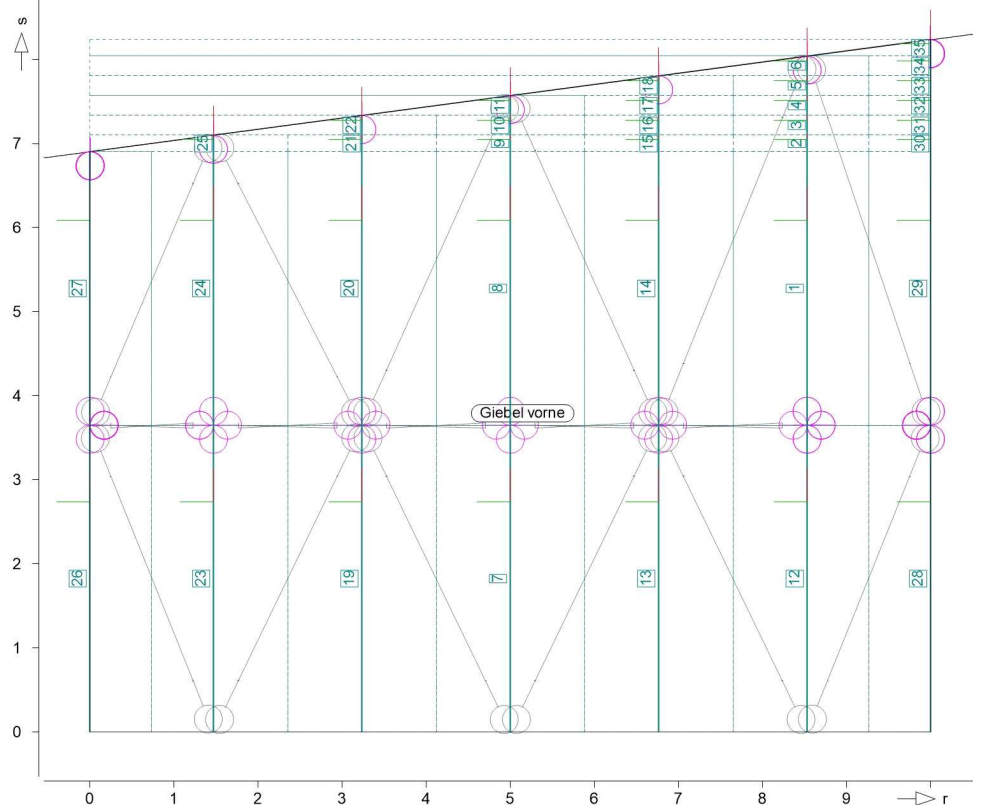
- Eigenlasten
- Windlasten

Die Lasten der Fläche werden linienförmig verteilt.

Hierbei werden über Einflussbreiten die Flächenlasten den Lastverteilungslinien zugeordnet. Lasten außerhalb der Einflussbreiten bleiben unberücksichtigt.

Positionsgrafik

Übersicht der Lastverteilungslinien



Verteilungslinien

Nr.	Koordinaten		Einflussbreite	
	r [m]	s [m]	links [m]	rechts [m]
1	0.00	0.00	0.00	0.73
	0.00	3.65		
2	0.00	3.65	0.00	0.73
	0.00	6.90		
3	1.47	0.00	0.73	0.88
	1.47	3.65		
4	1.47	3.65	0.73	0.88
	1.47	6.90		

Nr.	Koordinaten		Einflussbreite	
	r [m]	s [m]	links [m]	rechts [m]
5	1.47	6.90	1.47	0.88
	1.47	7.10		
6	3.23	0.00	0.88	0.88
	3.23	3.65		
7	3.23	3.65	0.88	0.88
	3.23	6.90		
8	3.23	6.90	0.88	0.88
	3.23	7.10		
9	3.23	7.10	3.23	0.88
	3.23	7.33		
10	5.00	0.00	0.88	0.88
	5.00	3.65		
11	5.00	3.65	0.88	0.88
	5.00	6.90		
12	5.00	6.90	0.88	0.88
	5.00	7.10		
13	5.00	7.10	0.88	0.88
	5.00	7.33		
14	5.00	7.33	5.00	0.88
	5.00	7.57		
15	6.77	0.00	0.88	0.88
	6.77	3.65		
16	6.77	3.65	0.88	0.88
	6.77	6.90		
17	6.77	6.90	0.88	0.88
	6.77	7.10		
18	6.77	7.10	0.88	0.88
	6.77	7.33		
19	6.77	7.33	0.88	0.88
	6.77	7.57		
20	6.77	7.57	6.77	0.88
	6.77	7.81		
21	8.53	0.00	0.88	0.73
	8.53	3.65		
22	8.53	3.65	0.88	0.73
	8.53	6.90		
23	8.53	6.90	0.88	0.73
	8.53	7.10		
24	8.53	7.10	0.88	0.73
	8.53	7.33		
25	8.53	7.33	0.88	0.73
	8.53	7.57		
26	8.53	7.57	0.88	0.73
	8.53	7.81		
27	8.53	7.81	8.53	0.73
	8.53	8.04		
28	10.00	0.00	0.73	0.00
	10.00	3.65		
29	10.00	3.65	0.73	0.00
	10.00	6.90		

Nr.	Koordinaten		Einflussbreite	
	r [m]	s [m]	links [m]	rechts [m]
30	10.00	6.90	0.73	0.00
	10.00	7.10		
31	10.00	7.10	0.73	0.00
	10.00	7.33		
32	10.00	7.33	0.73	0.00
	10.00	7.57		
33	10.00	7.57	0.73	0.00
	10.00	7.81		
34	10.00	7.81	0.73	0.00
	10.00	8.04		
35	10.00	8.04	10.00	0.00
	10.00	8.24		

Eigenlasten

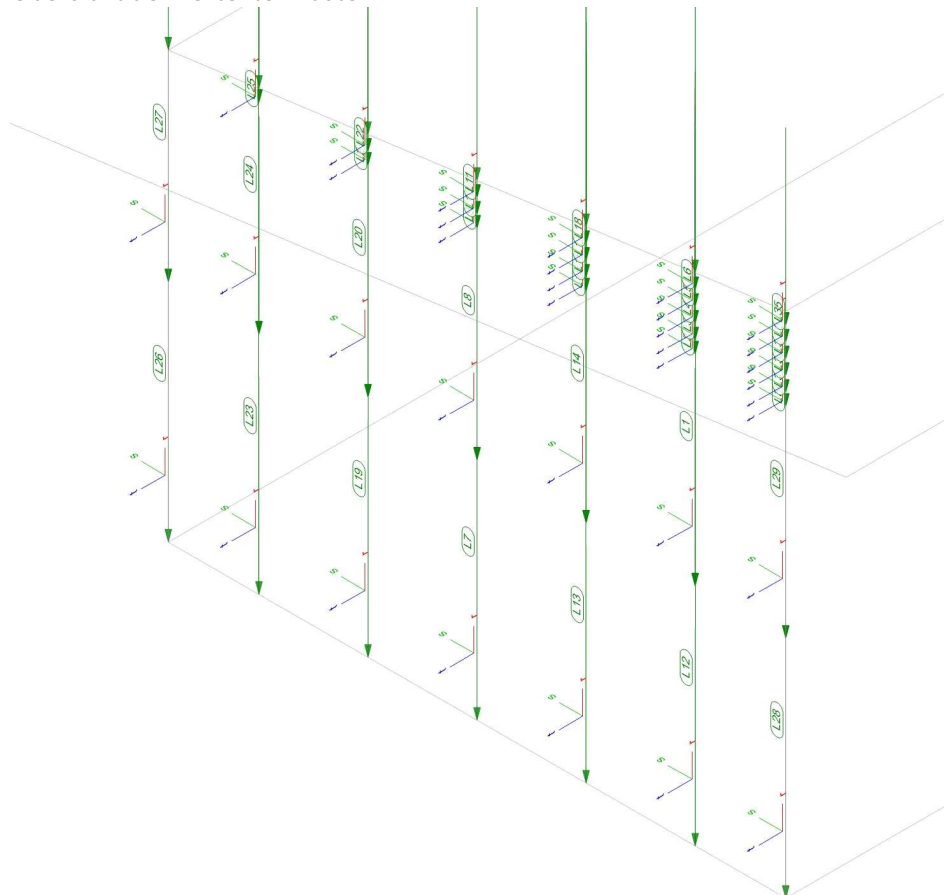
Belastungen infolge Eigenlasten

LF: LF-1

Eigengewicht

Verteilte Lasten

Übersicht der verteilten Lasten



Linienlasten

Bez.	x1	y1	z1	Last
	x2 [m]	y2 [m]	z2 [m]	
L1	-16.24	-3.53	3.33	3.23 [kN/m]

Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]
	-16.24	-3.53	6.58	
L2	-16.24	-3.53	6.58	3.23
	-16.24	-3.53	6.78	
L3	-16.24	-3.53	6.78	3.23
	-16.24	-3.53	7.01	
L4	-16.24	-3.53	7.01	3.23
	-16.24	-3.53	7.25	
L5	-16.24	-3.53	7.25	3.23
	-16.24	-3.53	7.49	
L6	-16.24	-3.53	7.49	5.00
	-16.24	-3.53	7.72	1.47
L7	-16.24	0.00	-0.32	3.53
	-16.24	0.00	3.33	
L8	-16.24	0.00	3.33	3.53
	-16.24	0.00	6.58	
L9	-16.24	0.00	6.58	3.53
	-16.24	0.00	6.78	
L10	-16.24	0.00	6.78	3.53
	-16.24	0.00	7.01	
L11	-16.24	0.00	7.01	5.30
	-16.24	0.00	7.25	1.77
L12	-16.24	-3.53	-0.32	3.23
	-16.24	-3.53	3.33	
L13	-16.24	-1.77	-0.32	3.53
	-16.24	-1.77	3.33	
L14	-16.24	-1.77	3.33	3.53
	-16.24	-1.77	6.58	
L15	-16.24	-1.77	6.58	3.53
	-16.24	-1.77	6.78	
L16	-16.24	-1.77	6.78	3.53
	-16.24	-1.77	7.01	
L17	-16.24	-1.77	7.01	3.53
	-16.24	-1.77	7.25	
L18	-16.24	-1.77	7.25	5.30
	-16.24	-1.77	7.49	1.77
L19	-16.24	1.77	-0.32	3.53
	-16.24	1.77	3.33	
L20	-16.24	1.77	3.33	3.53
	-16.24	1.77	6.58	
L21	-16.24	1.77	6.58	3.53
	-16.24	1.77	6.78	
L22	-16.24	1.77	6.78	5.30
	-16.24	1.77	7.01	1.77
L23	-16.24	3.53	-0.32	3.23
	-16.24	3.53	3.33	
L24	-16.24	3.53	3.33	3.23
	-16.24	3.53	6.58	
L25	-16.24	3.53	6.58	4.70
	-16.24	3.53	6.78	1.77
L26	-16.24	5.00	-0.32	1.47

Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]
	-16.24	5.00	3.33	
L27	-16.24	5.00	3.33	1.47
	-16.24	5.00	6.58	
L28	-16.24	-5.00	-0.32	1.47
	-16.24	-5.00	3.33	
L29	-16.24	-5.00	3.33	1.47
	-16.24	-5.00	6.58	
L30	-16.24	-5.00	6.58	1.47
	-16.24	-5.00	6.78	
L31	-16.24	-5.00	6.78	1.47
	-16.24	-5.00	7.01	
L32	-16.24	-5.00	7.01	1.47
	-16.24	-5.00	7.25	
L33	-16.24	-5.00	7.25	1.47
	-16.24	-5.00	7.49	
L34	-16.24	-5.00	7.49	1.47
	-16.24	-5.00	7.72	
L35	-16.24	-5.00	7.72	2.94
	-16.24	-5.00	7.92	0.00

Windlasten

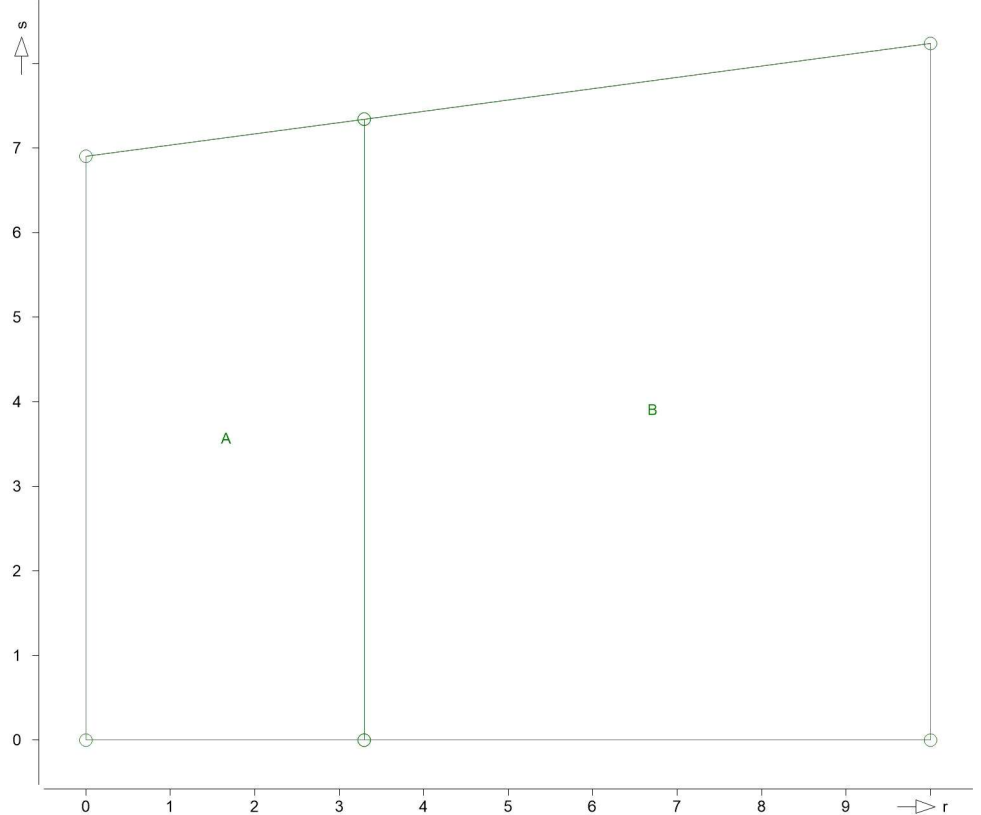
Belastungen infolge Wind

LF: 000-W

Windlasten, Anströmrichtung 0°

Lastbereiche

Bereiche der Windbelastung



Bereich A

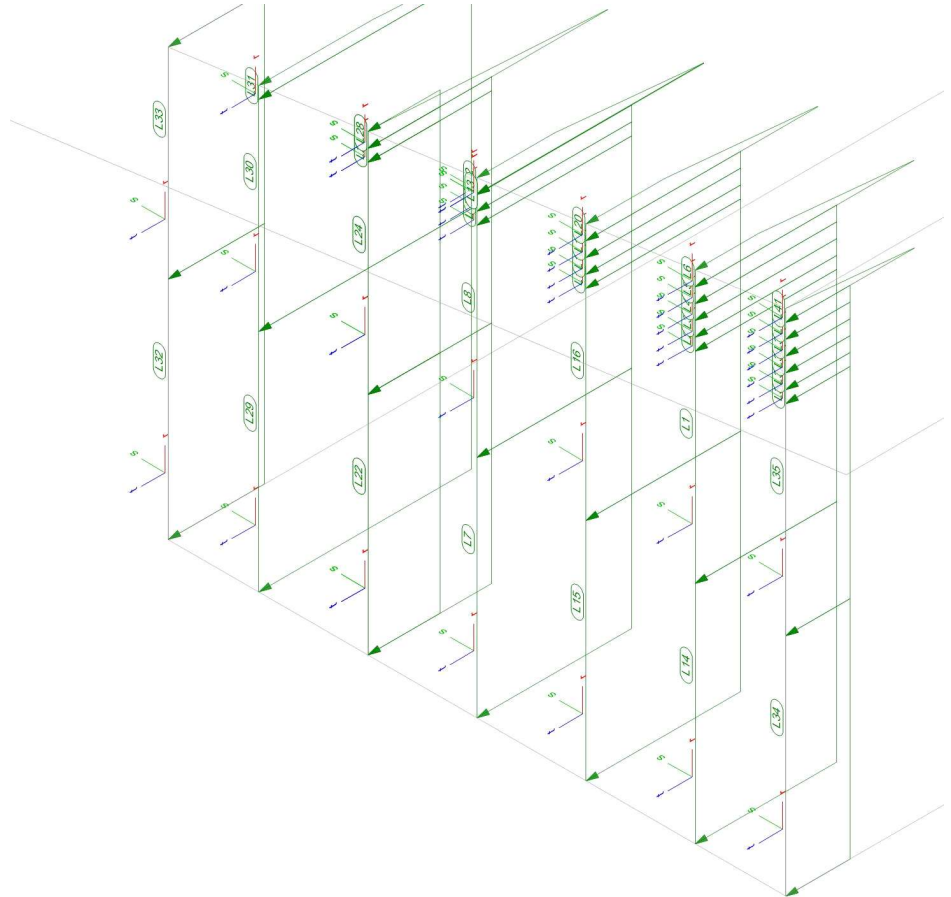
Lastgröße	pt	=	0.78	kN/m ²
r =	3.29	0.00	0.00	3.29 m
s =	7.34	6.90	0.00	0.00 m

Bereich B

Lastgröße	pt	=	0.52	kN/m ²
r =	10.00	3.29	3.29	10.00 m
s =	8.24	7.34	0.00	0.00 m

Verteilte Lasten

Übersicht der verteilten Lasten



Linienlasten

Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
L1	-16.24	-3.53	3.33	0.84	B
L2	-16.24	-3.53	6.58	0.84	B
L3	-16.24	-3.53	6.78	0.84	B
L4	-16.24	-3.53	7.01	0.84	B
L5	-16.24	-3.53	7.25	0.84	B
L6	-16.24	-3.53	7.49	1.30	B
L7	-16.24	-3.53	7.72	0.38	B
L8	-16.24	0.00	-0.32	0.92	B
L9	-16.24	0.00	3.33	0.92	B
L10	-16.24	0.00	6.58	0.92	B
L11	-16.24	0.00	6.78	0.92	B
	-16.24	0.00	6.78	0.92	B
	-16.24	0.00	7.01	1.35	B
	-16.24	0.00	7.01	1.35	B
	-16.24	0.00	7.02	1.35	B

Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
L12	-16.24	0.00	7.02	1.35	B
	-16.24	0.00	7.25	0.46	
L13	-16.24	0.00	7.01	0.05	A
	-16.24	0.00	7.02	0.00	
L14	-16.24	-3.53	-0.32	0.84	B
	-16.24	-3.53	3.33		
L15	-16.24	-1.77	-0.32	0.92	B
	-16.24	-1.77	3.33		
L16	-16.24	-1.77	3.33	0.92	B
	-16.24	-1.77	6.58		
L17	-16.24	-1.77	6.58	0.92	B
	-16.24	-1.77	6.78		
L18	-16.24	-1.77	6.78	0.92	B
	-16.24	-1.77	7.01		
L19	-16.24	-1.77	7.01	0.92	B
	-16.24	-1.77	7.25		
L20	-16.24	-1.77	7.25	1.38	B
	-16.24	-1.77	7.49	0.46	
L21	-16.24	1.77	-0.32	0.43	B
	-16.24	1.77	3.33		
L22	-16.24	1.77	-0.32	0.74	A
	-16.24	1.77	3.33		
L23	-16.24	1.77	3.33	0.43	B
	-16.24	1.77	6.58		
L24	-16.24	1.77	3.33	0.74	A
	-16.24	1.77	6.58		
L25	-16.24	1.77	6.58	0.43	B
	-16.24	1.77	6.78		
L26	-16.24	1.77	6.58	0.74	A
	-16.24	1.77	6.78		
L27	-16.24	1.77	6.78	0.43	B
	-16.24	1.77	7.01		
L28	-16.24	1.77	6.78	1.42	A
	-16.24	1.77	7.01	0.05	
L29	-16.24	3.53	-0.32	1.26	A
	-16.24	3.53	3.33		
L30	-16.24	3.53	3.33	1.26	A
	-16.24	3.53	6.58		
L31	-16.24	3.53	6.58	1.83	A
	-16.24	3.53	6.78	0.69	
L32	-16.24	5.00	-0.32	0.57	A
	-16.24	5.00	3.33		
L33	-16.24	5.00	3.33	0.57	A
	-16.24	5.00	6.58		
L34	-16.24	-5.00	-0.32	0.38	B
	-16.24	-5.00	3.33		
L35	-16.24	-5.00	3.33	0.38	B
	-16.24	-5.00	6.58		
L36	-16.24	-5.00	6.58	0.38	B
	-16.24	-5.00	6.78		

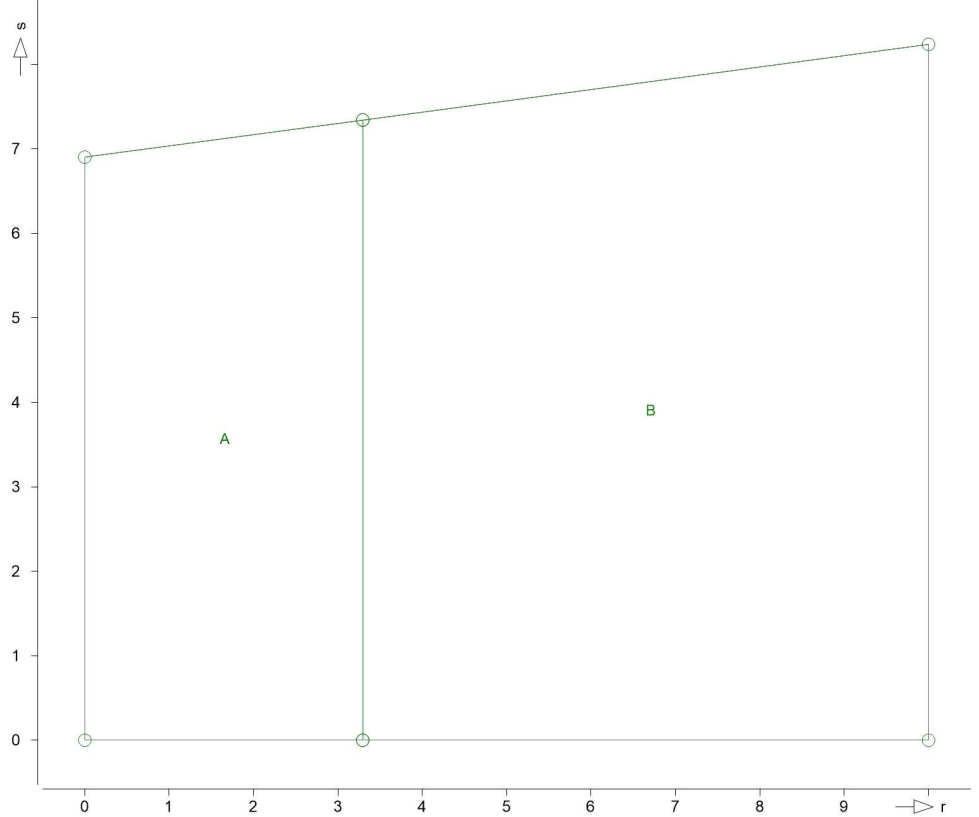
Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
L37	-16.24	-5.00	6.78	0.38	B
	-16.24	-5.00	7.01		
L38	-16.24	-5.00	7.01	0.38	B
	-16.24	-5.00	7.25		
L39	-16.24	-5.00	7.25	0.38	B
	-16.24	-5.00	7.49		
L40	-16.24	-5.00	7.49	0.38	B
	-16.24	-5.00	7.72		
L41	-16.24	-5.00	7.72	0.76	B
	-16.24	-5.00	7.92	0.00	

LF: 000-W-L

Windlasten, Anströmrichtung 0°

Lastbereiche

Bereiche der Windbelastung



Bereich A

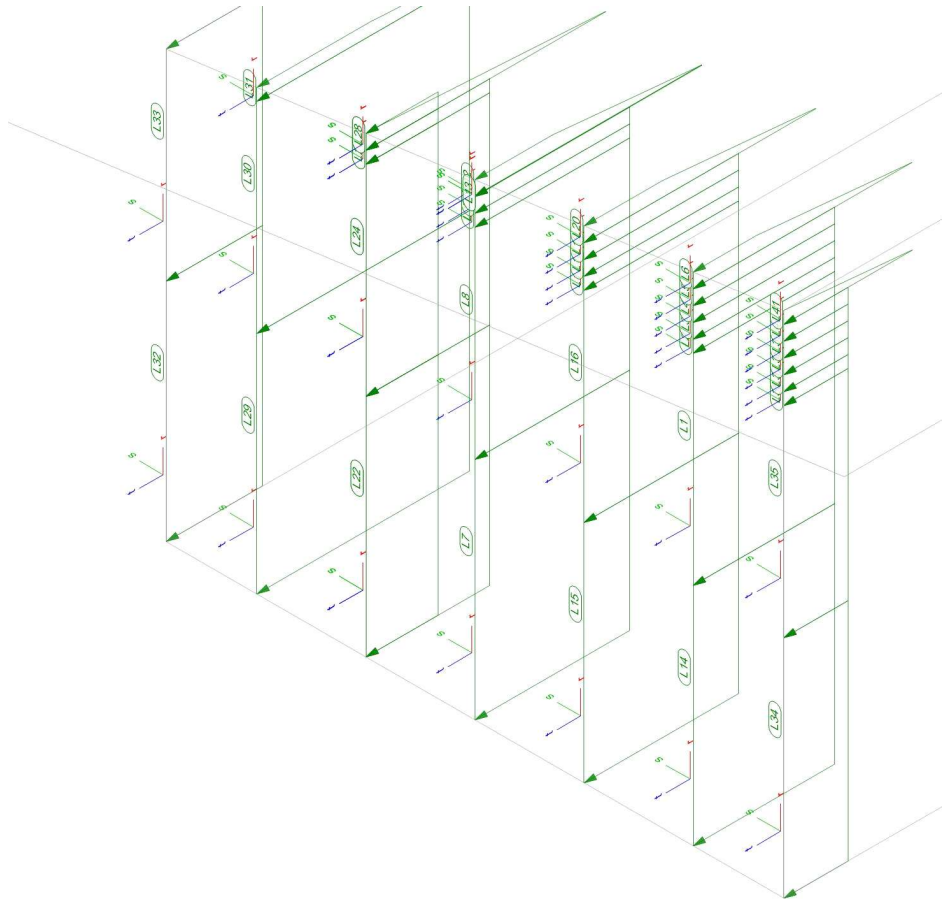
Lastgröße	pt	=	0.78	kN/m ²
r =	3.29	0.00	0.00	3.29 m
s =	7.34	6.90	0.00	0.00 m

Bereich B

Lastgröße	pt	=	0.52	kN/m ²
r =	10.00	3.29	3.29	10.00 m
s =	8.24	7.34	0.00	0.00 m

Verteilte Lasten

Übersicht der verteilten Lasten



Linienlasten

Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
L1	-16.24	-3.53	3.33	0.84	B
L2	-16.24	-3.53	6.58	0.84	B
L3	-16.24	-3.53	6.78	0.84	B
L4	-16.24	-3.53	7.01	0.84	B
L5	-16.24	-3.53	7.25	0.84	B
L6	-16.24	-3.53	7.49	1.30	B
L7	-16.24	-3.53	7.72	0.38	B
L8	-16.24	0.00	-0.32	0.92	B
L9	-16.24	0.00	3.33	0.92	B
L10	-16.24	0.00	6.58	0.92	B
L11	-16.24	0.00	6.78	0.92	B
	-16.24	0.00	6.78	0.92	B
	-16.24	0.00	7.01	1.35	B
	-16.24	0.00	7.01	1.35	B
	-16.24	0.00	7.02	1.35	B

Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
L12	-16.24	0.00	7.02	1.35	B
	-16.24	0.00	7.25	0.46	
L13	-16.24	0.00	7.01	0.05	A
	-16.24	0.00	7.02	0.00	
L14	-16.24	-3.53	-0.32	0.84	B
	-16.24	-3.53	3.33		
L15	-16.24	-1.77	-0.32	0.92	B
	-16.24	-1.77	3.33		
L16	-16.24	-1.77	3.33	0.92	B
	-16.24	-1.77	6.58		
L17	-16.24	-1.77	6.58	0.92	B
	-16.24	-1.77	6.78		
L18	-16.24	-1.77	6.78	0.92	B
	-16.24	-1.77	7.01		
L19	-16.24	-1.77	7.01	0.92	B
	-16.24	-1.77	7.25		
L20	-16.24	-1.77	7.25	1.38	B
	-16.24	-1.77	7.49	0.46	
L21	-16.24	1.77	-0.32	0.43	B
	-16.24	1.77	3.33		
L22	-16.24	1.77	-0.32	0.74	A
	-16.24	1.77	3.33		
L23	-16.24	1.77	3.33	0.43	B
	-16.24	1.77	6.58		
L24	-16.24	1.77	3.33	0.74	A
	-16.24	1.77	6.58		
L25	-16.24	1.77	6.58	0.43	B
	-16.24	1.77	6.78		
L26	-16.24	1.77	6.58	0.74	A
	-16.24	1.77	6.78		
L27	-16.24	1.77	6.78	0.43	B
	-16.24	1.77	7.01		
L28	-16.24	1.77	6.78	1.42	A
	-16.24	1.77	7.01	0.05	
L29	-16.24	3.53	-0.32	1.26	A
	-16.24	3.53	3.33		
L30	-16.24	3.53	3.33	1.26	A
	-16.24	3.53	6.58		
L31	-16.24	3.53	6.58	1.83	A
	-16.24	3.53	6.78	0.69	
L32	-16.24	5.00	-0.32	0.57	A
	-16.24	5.00	3.33		
L33	-16.24	5.00	3.33	0.57	A
	-16.24	5.00	6.58		
L34	-16.24	-5.00	-0.32	0.38	B
	-16.24	-5.00	3.33		
L35	-16.24	-5.00	3.33	0.38	B
	-16.24	-5.00	6.58		
L36	-16.24	-5.00	6.58	0.38	B
	-16.24	-5.00	6.78		

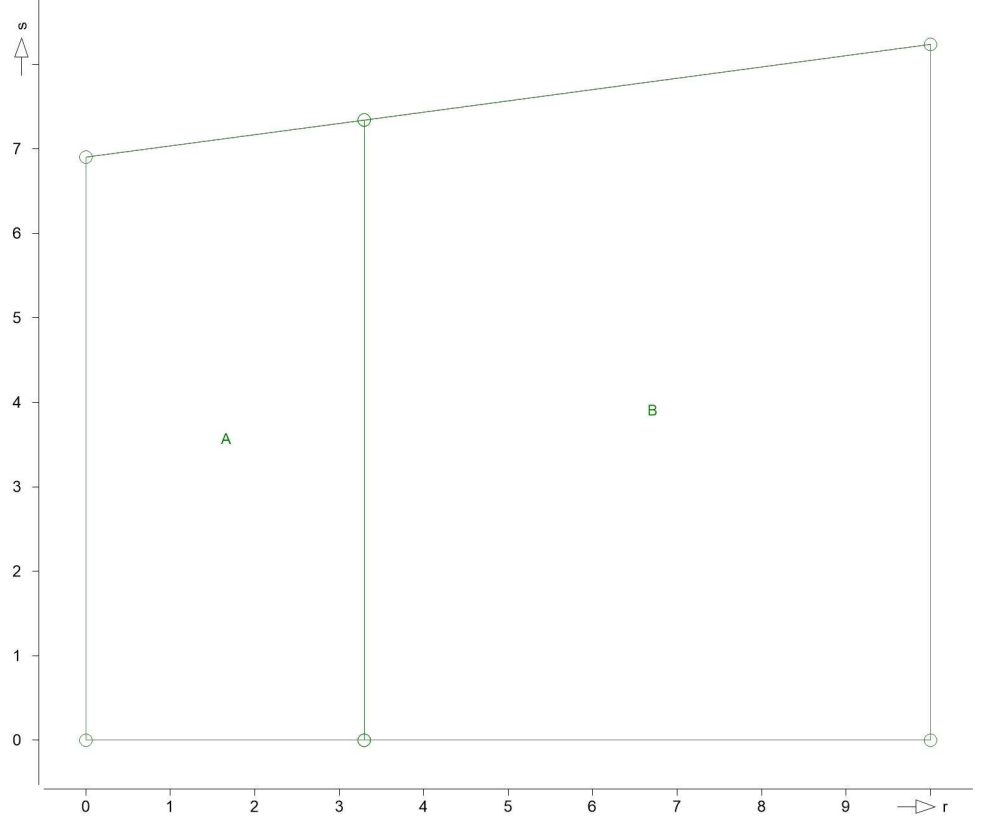
Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
L37	-16.24	-5.00	6.78	0.38	B
	-16.24	-5.00	7.01		
L38	-16.24	-5.00	7.01	0.38	B
	-16.24	-5.00	7.25		
L39	-16.24	-5.00	7.25	0.38	B
	-16.24	-5.00	7.49		
L40	-16.24	-5.00	7.49	0.38	B
	-16.24	-5.00	7.72		
L41	-16.24	-5.00	7.72	0.76	B
	-16.24	-5.00	7.92	0.00	

LF: 000-W-R

Windlasten, Anströmrichtung 0°

Lastbereiche

Bereiche der Windbelastung



Bereich A

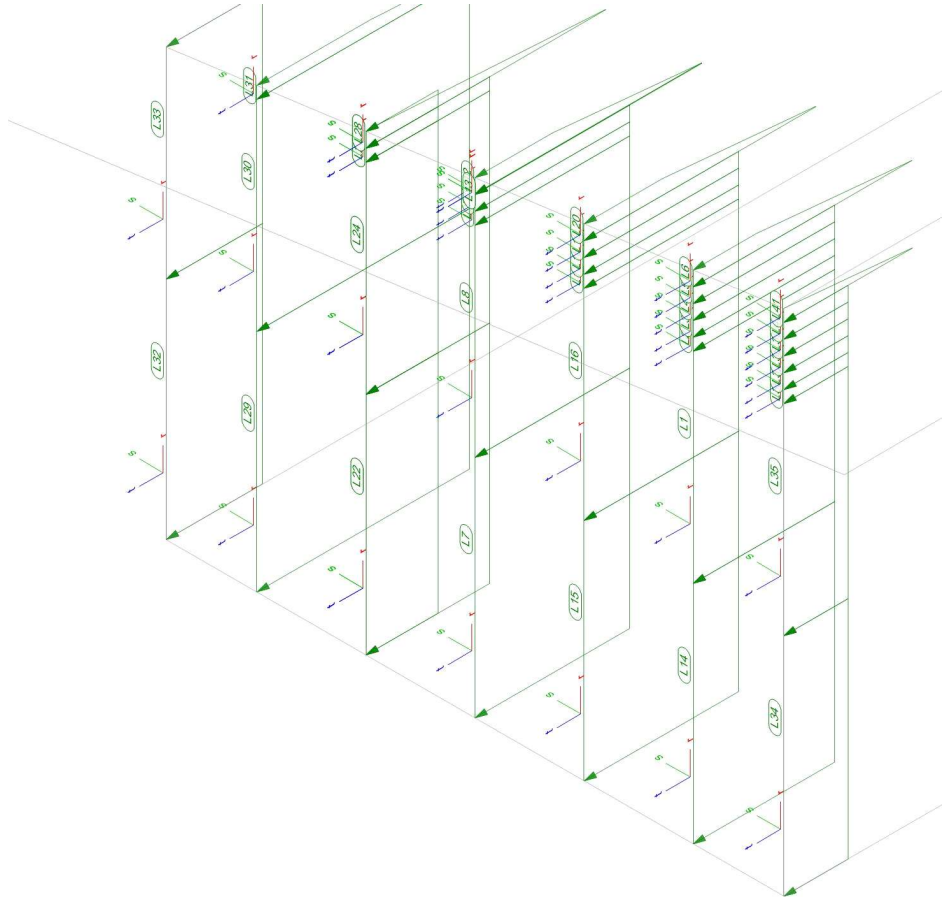
Lastgröße	pt	=	0.78	kN/m ²
r =	3.29	0.00	0.00	3.29 m
s =	7.34	6.90	0.00	0.00 m

Bereich B

Lastgröße	pt	=	0.52	kN/m ²
r =	10.00	3.29	3.29	10.00 m
s =	8.24	7.34	0.00	0.00 m

Verteilte Lasten

Übersicht der verteilten Lasten



Linienlasten

Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
L1	-16.24	-3.53	3.33	0.84	B
L2	-16.24	-3.53	6.58	0.84	B
L3	-16.24	-3.53	6.78	0.84	B
L4	-16.24	-3.53	7.01	0.84	B
L5	-16.24	-3.53	7.25	0.84	B
L6	-16.24	-3.53	7.49	1.30	B
L7	-16.24	-3.53	7.72	0.38	B
L8	-16.24	0.00	-0.32	0.92	B
L9	-16.24	0.00	3.33	0.92	B
L10	-16.24	0.00	6.58	0.92	B
L11	-16.24	0.00	6.78	0.92	B
	-16.24	0.00	6.78	0.92	B
	-16.24	0.00	7.01	1.35	B
	-16.24	0.00	7.01	1.35	B
	-16.24	0.00	7.02	1.35	B

Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
L12	-16.24	0.00	7.02	1.35	B
	-16.24	0.00	7.25	0.46	
L13	-16.24	0.00	7.01	0.05	A
	-16.24	0.00	7.02	0.00	
L14	-16.24	-3.53	-0.32	0.84	B
	-16.24	-3.53	3.33		
L15	-16.24	-1.77	-0.32	0.92	B
	-16.24	-1.77	3.33		
L16	-16.24	-1.77	3.33	0.92	B
	-16.24	-1.77	6.58		
L17	-16.24	-1.77	6.58	0.92	B
	-16.24	-1.77	6.78		
L18	-16.24	-1.77	6.78	0.92	B
	-16.24	-1.77	7.01		
L19	-16.24	-1.77	7.01	0.92	B
	-16.24	-1.77	7.25		
L20	-16.24	-1.77	7.25	1.38	B
	-16.24	-1.77	7.49	0.46	
L21	-16.24	1.77	-0.32	0.43	B
	-16.24	1.77	3.33		
L22	-16.24	1.77	-0.32	0.74	A
	-16.24	1.77	3.33		
L23	-16.24	1.77	3.33	0.43	B
	-16.24	1.77	6.58		
L24	-16.24	1.77	3.33	0.74	A
	-16.24	1.77	6.58		
L25	-16.24	1.77	6.58	0.43	B
	-16.24	1.77	6.78		
L26	-16.24	1.77	6.58	0.74	A
	-16.24	1.77	6.78		
L27	-16.24	1.77	6.78	0.43	B
	-16.24	1.77	7.01		
L28	-16.24	1.77	6.78	1.42	A
	-16.24	1.77	7.01	0.05	
L29	-16.24	3.53	-0.32	1.26	A
	-16.24	3.53	3.33		
L30	-16.24	3.53	3.33	1.26	A
	-16.24	3.53	6.58		
L31	-16.24	3.53	6.58	1.83	A
	-16.24	3.53	6.78	0.69	
L32	-16.24	5.00	-0.32	0.57	A
	-16.24	5.00	3.33		
L33	-16.24	5.00	3.33	0.57	A
	-16.24	5.00	6.58		
L34	-16.24	-5.00	-0.32	0.38	B
	-16.24	-5.00	3.33		
L35	-16.24	-5.00	3.33	0.38	B
	-16.24	-5.00	6.58		
L36	-16.24	-5.00	6.58	0.38	B
	-16.24	-5.00	6.78		

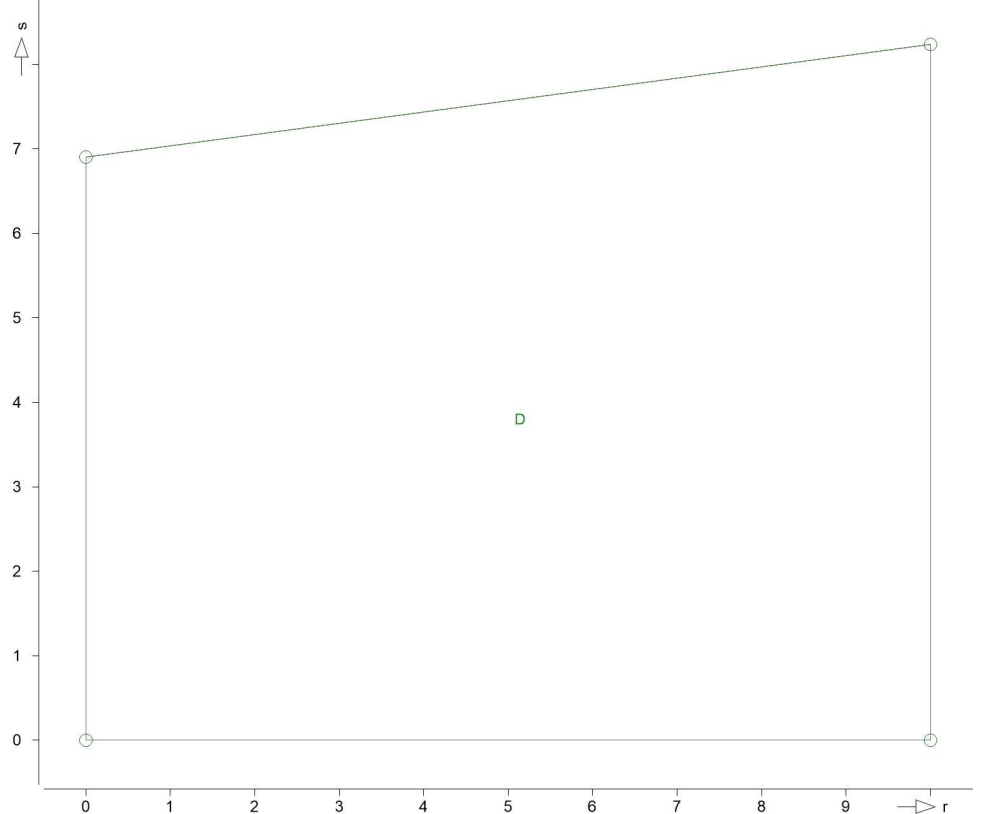
Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
L37	-16.24	-5.00	6.78	0.38	B
	-16.24	-5.00	7.01		
L38	-16.24	-5.00	7.01	0.38	B
	-16.24	-5.00	7.25		
L39	-16.24	-5.00	7.25	0.38	B
	-16.24	-5.00	7.49		
L40	-16.24	-5.00	7.49	0.38	B
	-16.24	-5.00	7.72		
L41	-16.24	-5.00	7.72	0.76	B
	-16.24	-5.00	7.92	0.00	

LF: 090-W

Windlasten, Anströmrichtung 90°

Lastbereiche

Bereiche der Windbelastung

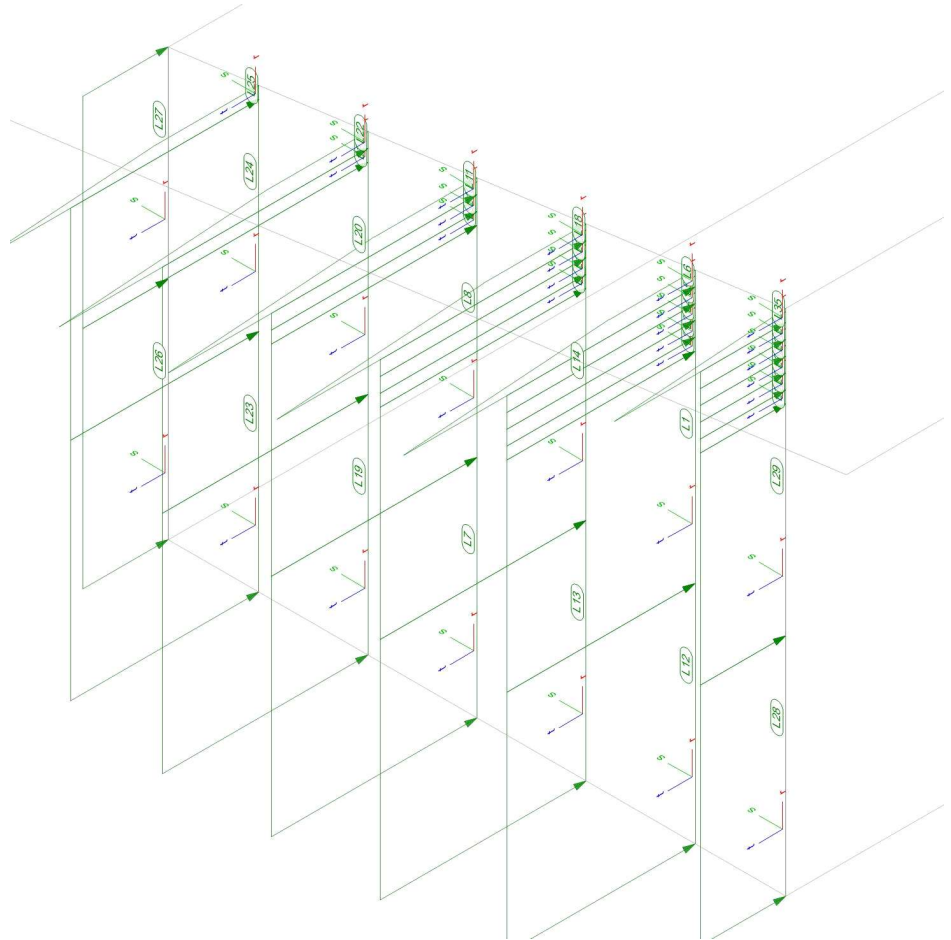


Bereich D

Lastgröße				pt	=	-0.46	kN/m ²
r	=	10.00	0.00	0.00	10.00	m	
s	=	8.24	6.90	0.00	0.00	m	

Verteilte Lasten

Übersicht der verteilten Lasten



Linienlasten

Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
L1	-16.24	-3.53	3.33	-0.74	D
L2	-16.24	-3.53	6.58	-0.74	D
L3	-16.24	-3.53	6.78	-0.74	D
L4	-16.24	-3.53	7.01	-0.74	D
L5	-16.24	-3.53	7.25	-0.74	D
L6	-16.24	-3.53	7.49	-1.14	D
L7	-16.24	-3.53	7.72	-0.33	D
L8	-16.24	0.00	-0.32	-0.80	D
L9	-16.24	0.00	3.33	-0.80	D
L10	-16.24	0.00	6.58	-0.80	D
L11	-16.24	0.00	6.78	-0.80	D
	-16.24	0.00	6.78	-0.80	D
	-16.24	0.00	7.01	-1.21	D
	-16.24	0.00	7.25	-0.40	D

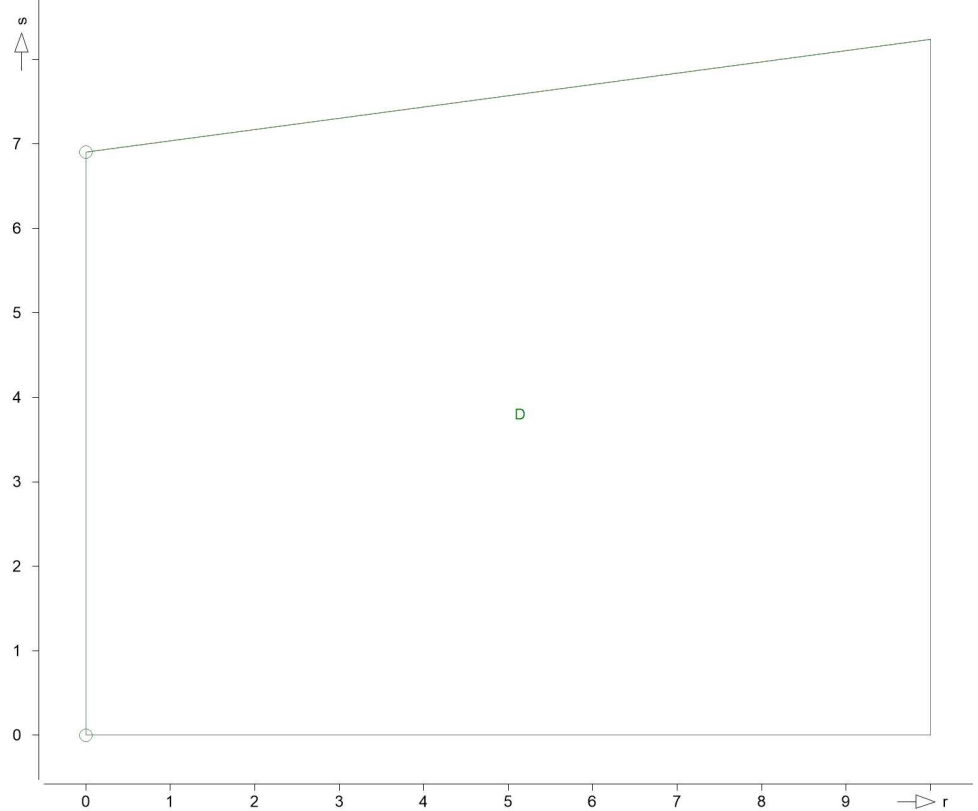
Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
L12	-16.24	-3.53	-0.32	-0.74	D
	-16.24	-3.53	3.33		
L13	-16.24	-1.77	-0.32	-0.80	D
	-16.24	-1.77	3.33		
L14	-16.24	-1.77	3.33	-0.80	D
	-16.24	-1.77	6.58		
L15	-16.24	-1.77	6.58	-0.80	D
	-16.24	-1.77	6.78		
L16	-16.24	-1.77	6.78	-0.80	D
	-16.24	-1.77	7.01		
L17	-16.24	-1.77	7.01	-0.80	D
	-16.24	-1.77	7.25		
L18	-16.24	-1.77	7.25	-1.21	D
	-16.24	-1.77	7.49	-0.40	
L19	-16.24	1.77	-0.32	-0.80	D
	-16.24	1.77	3.33		
L20	-16.24	1.77	3.33	-0.80	D
	-16.24	1.77	6.58		
L21	-16.24	1.77	6.58	-0.80	D
	-16.24	1.77	6.78		
L22	-16.24	1.77	6.78	-1.21	D
	-16.24	1.77	7.01	-0.40	
L23	-16.24	3.53	-0.32	-0.74	D
	-16.24	3.53	3.33		
L24	-16.24	3.53	3.33	-0.74	D
	-16.24	3.53	6.58		
L25	-16.24	3.53	6.58	-1.07	D
	-16.24	3.53	6.78	-0.40	
L26	-16.24	5.00	-0.32	-0.33	D
	-16.24	5.00	3.33		
L27	-16.24	5.00	3.33	-0.33	D
	-16.24	5.00	6.58		
L28	-16.24	-5.00	-0.32	-0.33	D
	-16.24	-5.00	3.33		
L29	-16.24	-5.00	3.33	-0.33	D
	-16.24	-5.00	6.58		
L30	-16.24	-5.00	6.58	-0.33	D
	-16.24	-5.00	6.78		
L31	-16.24	-5.00	6.78	-0.33	D
	-16.24	-5.00	7.01		
L32	-16.24	-5.00	7.01	-0.33	D
	-16.24	-5.00	7.25		
L33	-16.24	-5.00	7.25	-0.33	D
	-16.24	-5.00	7.49		
L34	-16.24	-5.00	7.49	-0.33	D
	-16.24	-5.00	7.72		
L35	-16.24	-5.00	7.72	-0.67	D
	-16.24	-5.00	7.92	0.00	

LF: 090-W-L

Windlasten, Anströmrichtung 90°

Lastbereiche

Bereiche der Windbelastung

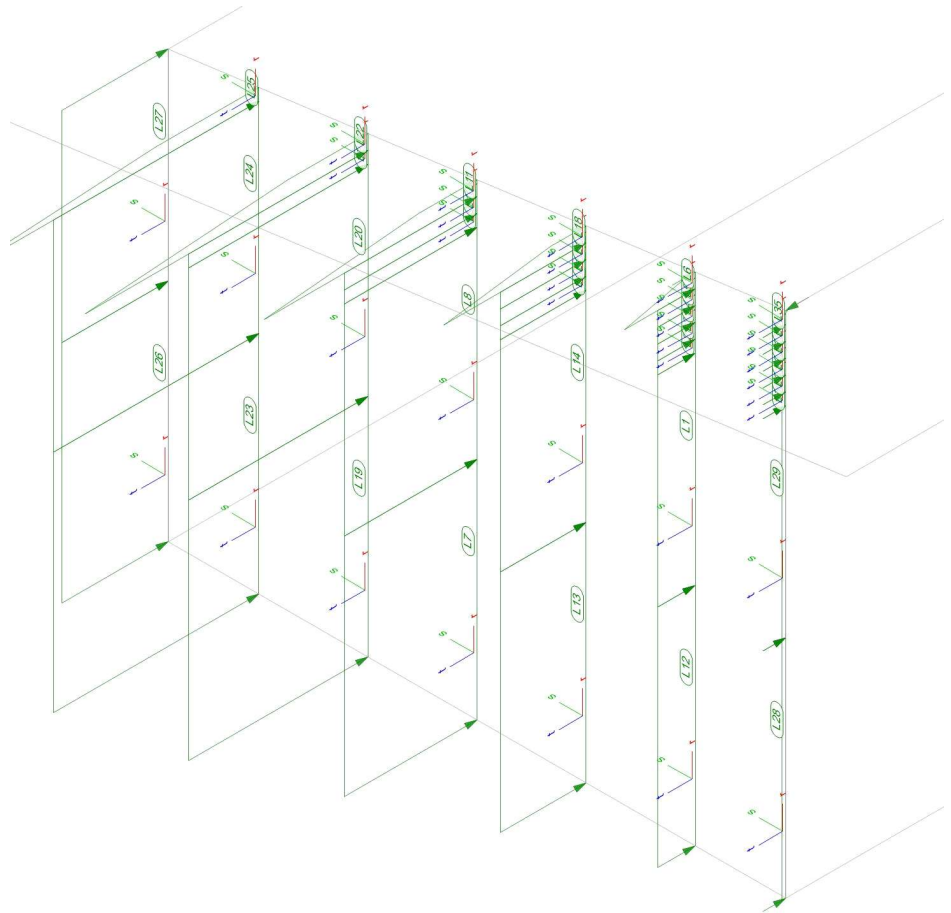


Bereich D

r	=	10.00	0.00	0.00	10.00 m
s	=	8.24	6.90	0.00	0.00 m
pt	=	0.00	-0.46	-0.46	0.00 kN/m ²

Verteilte Lasten

Übersicht der verteilten Lasten



Linienlasten

Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
L1	-16.24	-3.53	3.33	-0.11	D
L2	-16.24	-3.53	6.58	-0.11	D
L3	-16.24	-3.53	6.78	-0.11	D
L4	-16.24	-3.53	7.01	-0.11	D
L5	-16.24	-3.53	7.25	-0.11	D
L6	-16.24	-3.53	7.49	-0.21	D
L7	-16.24	-3.53	7.72	-0.02	D
L8	-16.24	0.00	-0.32	-0.40	D
L9	-16.24	0.00	3.33	-0.40	D
L10	-16.24	0.00	6.58	-0.40	D
L11	-16.24	0.00	6.78	-0.40	D
L12	-16.24	0.00	6.78	-0.40	D
L13	-16.24	0.00	7.01	-0.40	D
L14	-16.24	0.00	7.01	-0.64	D
L15	-16.24	0.00	7.25	-0.17	D

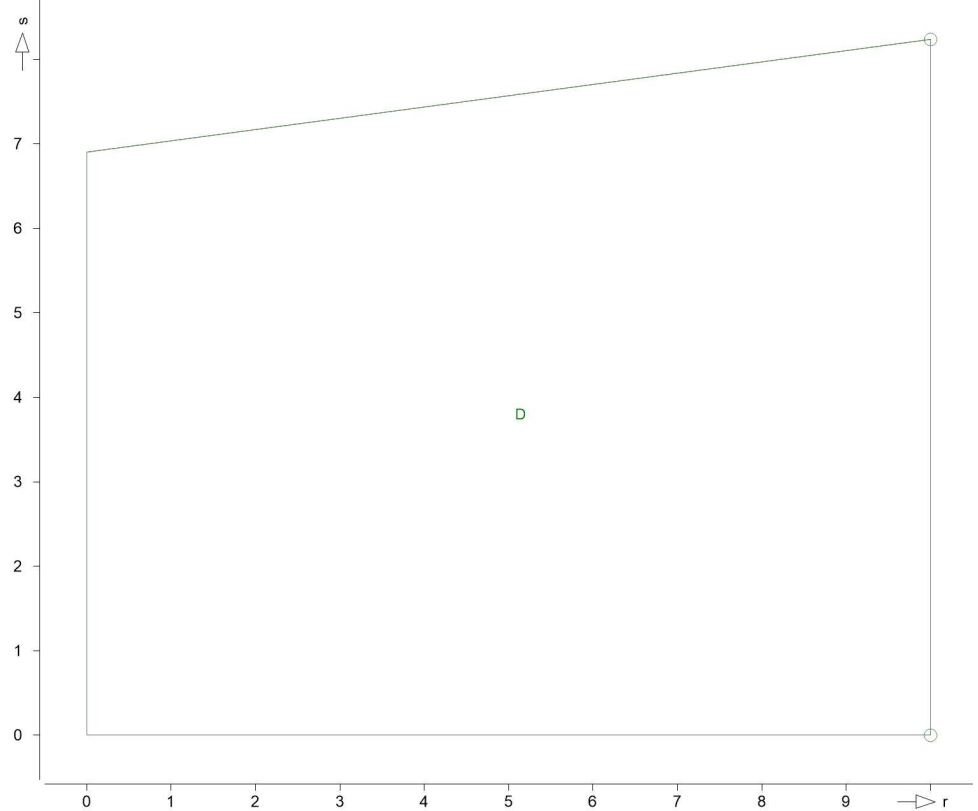
Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
L12	-16.24	-3.53	-0.32	-0.11	D
	-16.24	-3.53	3.33		
L13	-16.24	-1.77	-0.32	-0.26	D
	-16.24	-1.77	3.33		
L14	-16.24	-1.77	3.33	-0.26	D
	-16.24	-1.77	6.58		
L15	-16.24	-1.77	6.58	-0.26	D
	-16.24	-1.77	6.78		
L16	-16.24	-1.77	6.78	-0.26	D
	-16.24	-1.77	7.01		
L17	-16.24	-1.77	7.01	-0.26	D
	-16.24	-1.77	7.25		
L18	-16.24	-1.77	7.25	-0.43	D
	-16.24	-1.77	7.49	-0.10	
L19	-16.24	1.77	-0.32	-0.54	D
	-16.24	1.77	3.33		
L20	-16.24	1.77	3.33	-0.54	D
	-16.24	1.77	6.58		
L21	-16.24	1.77	6.58	-0.54	D
	-16.24	1.77	6.78		
L22	-16.24	1.77	6.78	-0.86	D
	-16.24	1.77	7.01	-0.24	
L23	-16.24	3.53	-0.32	-0.62	D
	-16.24	3.53	3.33		
L24	-16.24	3.53	3.33	-0.62	D
	-16.24	3.53	6.58		
L25	-16.24	3.53	6.58	-0.94	D
	-16.24	3.53	6.78	-0.32	
L26	-16.24	5.00	-0.32	-0.32	D
	-16.24	5.00	3.33		
L27	-16.24	5.00	3.33	-0.32	D
	-16.24	5.00	6.58		
L28	-16.24	-5.00	-0.32	-0.01	D
	-16.24	-5.00	3.33		
L29	-16.24	-5.00	3.33	-0.01	D
	-16.24	-5.00	6.58		
L30	-16.24	-5.00	6.58	-0.01	D
	-16.24	-5.00	6.78		
L31	-16.24	-5.00	6.78	-0.01	D
	-16.24	-5.00	7.01		
L32	-16.24	-5.00	7.01	-0.01	D
	-16.24	-5.00	7.25		
L33	-16.24	-5.00	7.25	-0.01	D
	-16.24	-5.00	7.49		
L34	-16.24	-5.00	7.49	-0.01	D
	-16.24	-5.00	7.72		
L35	-16.24	-5.00	7.72	-0.04	D
	-16.24	-5.00	7.92	0.01	

LF: 090-W-R

Windlasten, Anströmrichtung 90°

Lastbereiche

Bereiche der Windbelastung

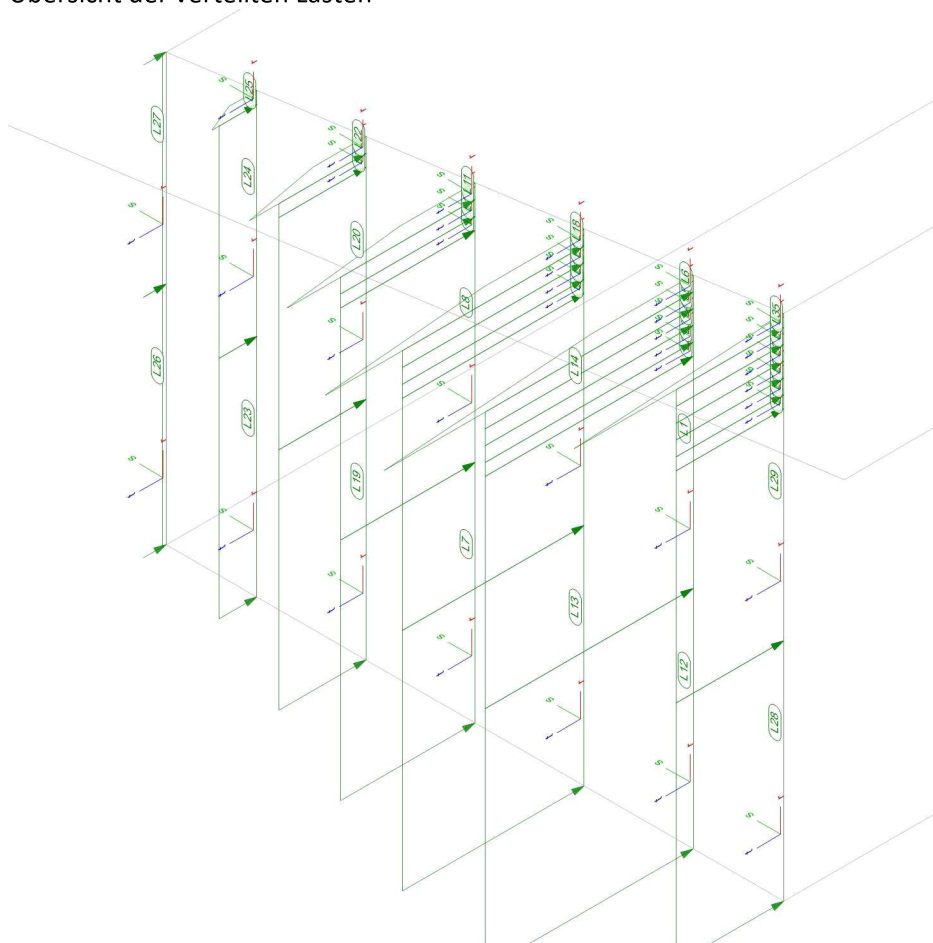


Bereich D

r	=	10.00	0.00	0.00	10.00 m
s	=	8.24	6.90	0.00	0.00 m
pt	=	-0.46	0.00	0.00	-0.46 kN/m ²

Verteilte Lasten

Übersicht der verteilten Lasten



Linienlasten

Bez.	x1	y1	z1	Last	WB
	x2	y2	z2		
	[m]	[m]	[m]	[kN/m]	
L1	-16.24	-3.53	3.33	-0.62	D
	-16.24	-3.53	6.58		
L2	-16.24	-3.53	6.58	-0.62	D
	-16.24	-3.53	6.78		
L3	-16.24	-3.53	6.78	-0.62	D
	-16.24	-3.53	7.01		
L4	-16.24	-3.53	7.01	-0.62	D
	-16.24	-3.53	7.25		
L5	-16.24	-3.53	7.25	-0.62	D
	-16.24	-3.53	7.49		
L6	-16.24	-3.53	7.49	-0.92	D
	-16.24	-3.53	7.72	-0.31	
L7	-16.24	0.00	-0.32	-0.40	D
	-16.24	0.00	3.33		
L8	-16.24	0.00	3.33	-0.40	D
	-16.24	0.00	6.58		
L9	-16.24	0.00	6.58	-0.40	D
	-16.24	0.00	6.78		
L10	-16.24	0.00	6.78	-0.40	D
	-16.24	0.00	7.01		
L11	-16.24	0.00	7.01	-0.56	D
	-16.24	0.00	7.25	-0.23	

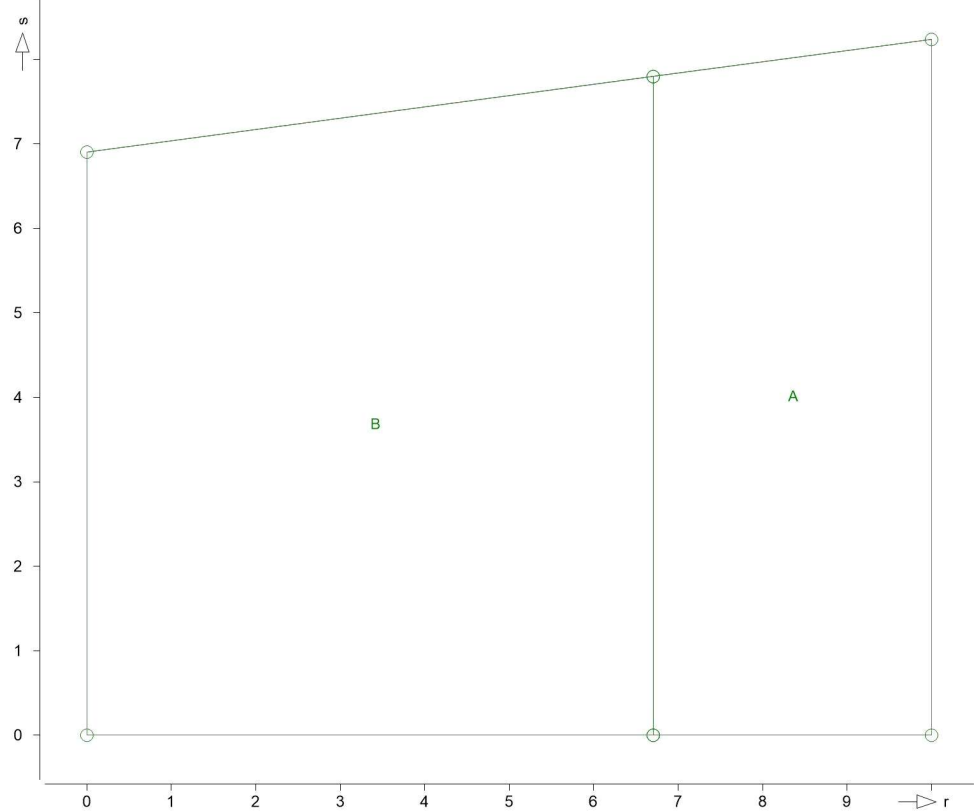
Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
L12	-16.24	-3.53	-0.32	-0.62	D
	-16.24	-3.53	3.33		
L13	-16.24	-1.77	-0.32	-0.54	D
	-16.24	-1.77	3.33		
L14	-16.24	-1.77	3.33	-0.54	D
	-16.24	-1.77	6.58		
L15	-16.24	-1.77	6.58	-0.54	D
	-16.24	-1.77	6.78		
L16	-16.24	-1.77	6.78	-0.54	D
	-16.24	-1.77	7.01		
L17	-16.24	-1.77	7.01	-0.54	D
	-16.24	-1.77	7.25		
L18	-16.24	-1.77	7.25	-0.77	D
	-16.24	-1.77	7.49	-0.30	
L19	-16.24	1.77	-0.32	-0.26	D
	-16.24	1.77	3.33		
L20	-16.24	1.77	3.33	-0.26	D
	-16.24	1.77	6.58		
L21	-16.24	1.77	6.58	-0.26	D
	-16.24	1.77	6.78		
L22	-16.24	1.77	6.78	-0.35	D
	-16.24	1.77	7.01	-0.16	
L23	-16.24	3.53	-0.32	-0.11	D
	-16.24	3.53	3.33		
L24	-16.24	3.53	3.33	-0.11	D
	-16.24	3.53	6.58		
L25	-16.24	3.53	6.58	-0.13	D
	-16.24	3.53	6.78	-0.08	
L26	-16.24	5.00	-0.32	-0.01	D
	-16.24	5.00	3.33		
L27	-16.24	5.00	3.33	-0.01	D
	-16.24	5.00	6.58		
L28	-16.24	-5.00	-0.32	-0.32	D
	-16.24	-5.00	3.33		
L29	-16.24	-5.00	3.33	-0.32	D
	-16.24	-5.00	6.58		
L30	-16.24	-5.00	6.58	-0.32	D
	-16.24	-5.00	6.78		
L31	-16.24	-5.00	6.78	-0.32	D
	-16.24	-5.00	7.01		
L32	-16.24	-5.00	7.01	-0.32	D
	-16.24	-5.00	7.25		
L33	-16.24	-5.00	7.25	-0.32	D
	-16.24	-5.00	7.49		
L34	-16.24	-5.00	7.49	-0.32	D
	-16.24	-5.00	7.72		
L35	-16.24	-5.00	7.72	-0.63	D
	-16.24	-5.00	7.92	-0.01	

LF: 180-W

Windlasten, Anströmrichtung 180°

Lastbereiche

Bereiche der Windbelastung



Bereich A

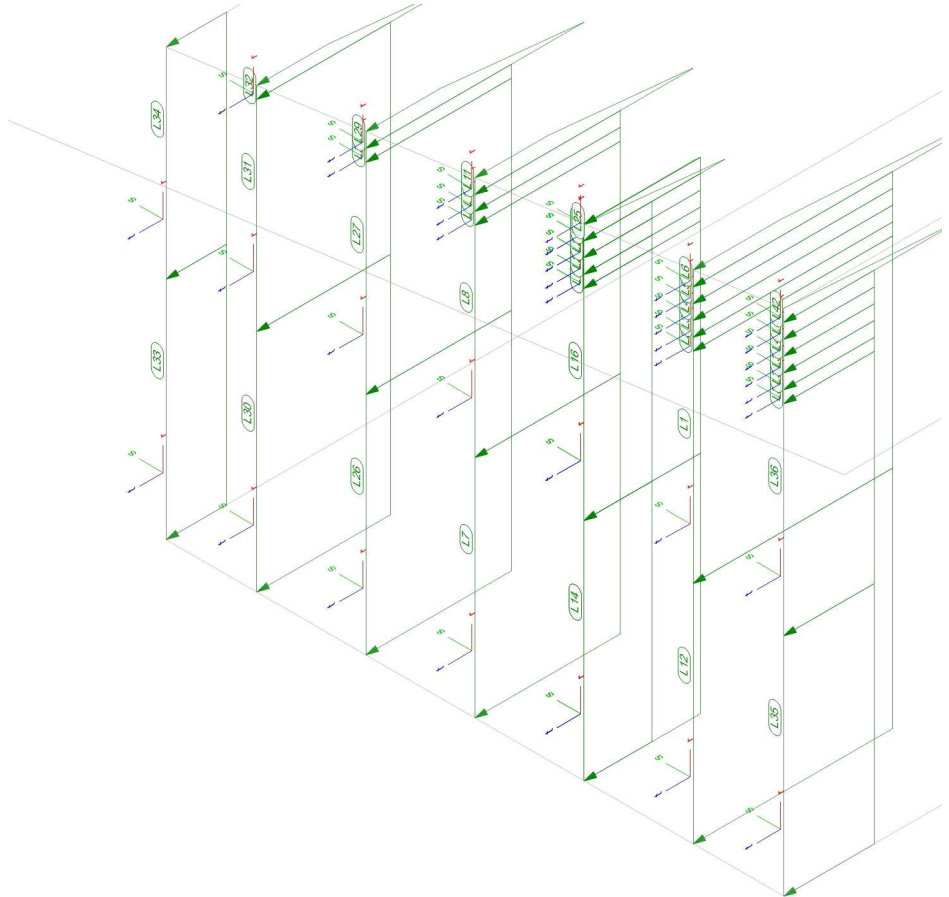
Lastgröße	pt	=	0.78	kN/m ²
r = 10.00	6.71	6.71	10.00 m	
s = 8.24	7.80	0.00	0.00 m	

Bereich B

Lastgröße	pt	=	0.52	kN/m ²
r = 6.71	0.00	0.00	6.71 m	
s = 7.80	6.90	0.00	0.00 m	

Verteilte Lasten

Übersicht der verteilten Lasten



Linienlasten

Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
L1	-16.24	-3.53	3.33	1.26	A
L2	-16.24	-3.53	6.58	1.26	A
L3	-16.24	-3.53	6.78	1.26	A
L4	-16.24	-3.53	7.01	1.26	A
L5	-16.24	-3.53	7.25	1.26	A
L6	-16.24	-3.53	7.49	1.95	A
L7	-16.24	-3.53	7.72	0.57	A
L8	-16.24	0.00	-0.32	0.92	B
L9	-16.24	0.00	3.33	0.92	B
L10	-16.24	0.00	6.58	0.92	B
L11	-16.24	0.00	6.78	0.92	B
L12	-16.24	0.00	7.01	0.92	B
L13	-16.24	0.00	7.25	1.38	B
L14	-16.24	0.00	7.49	0.46	B

Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
L12	-16.24	-3.53	-0.32	1.26	A
	-16.24	-3.53	3.33		
L13	-16.24	-1.77	-0.32	0.43	B
	-16.24	-1.77	3.33		
L14	-16.24	-1.77	-0.32	0.74	A
	-16.24	-1.77	3.33		
L15	-16.24	-1.77	3.33	0.43	B
	-16.24	-1.77	6.58		
L16	-16.24	-1.77	3.33	0.74	A
	-16.24	-1.77	6.58		
L17	-16.24	-1.77	6.58	0.43	B
	-16.24	-1.77	6.78		
L18	-16.24	-1.77	6.58	0.74	A
	-16.24	-1.77	6.78		
L19	-16.24	-1.77	6.78	0.43	B
	-16.24	-1.77	7.01		
L20	-16.24	-1.77	6.78	0.74	A
	-16.24	-1.77	7.01		
L21	-16.24	-1.77	7.01	0.43	B
	-16.24	-1.77	7.25		
L22	-16.24	-1.77	7.01	0.74	A
	-16.24	-1.77	7.25		
L23	-16.24	-1.77	7.25	0.89	B
	-16.24	-1.77	7.48	0.00	
L24	-16.24	-1.77	7.25	0.74	A
	-16.24	-1.77	7.48		
L25	-16.24	-1.77	7.48	0.74	A
	-16.24	-1.77	7.49	0.69	
L26	-16.24	1.77	-0.32	0.92	B
	-16.24	1.77	3.33		
L27	-16.24	1.77	3.33	0.92	B
	-16.24	1.77	6.58		
L28	-16.24	1.77	6.58	0.92	B
	-16.24	1.77	6.78		
L29	-16.24	1.77	6.78	1.38	B
	-16.24	1.77	7.01	0.46	
L30	-16.24	3.53	-0.32	0.84	B
	-16.24	3.53	3.33		
L31	-16.24	3.53	3.33	0.84	B
	-16.24	3.53	6.58		
L32	-16.24	3.53	6.58	1.22	B
	-16.24	3.53	6.78	0.46	
L33	-16.24	5.00	-0.32	0.38	B
	-16.24	5.00	3.33		
L34	-16.24	5.00	3.33	0.38	B
	-16.24	5.00	6.58		
L35	-16.24	-5.00	-0.32	0.57	A
	-16.24	-5.00	3.33		
L36	-16.24	-5.00	3.33	0.57	A
	-16.24	-5.00	6.58		

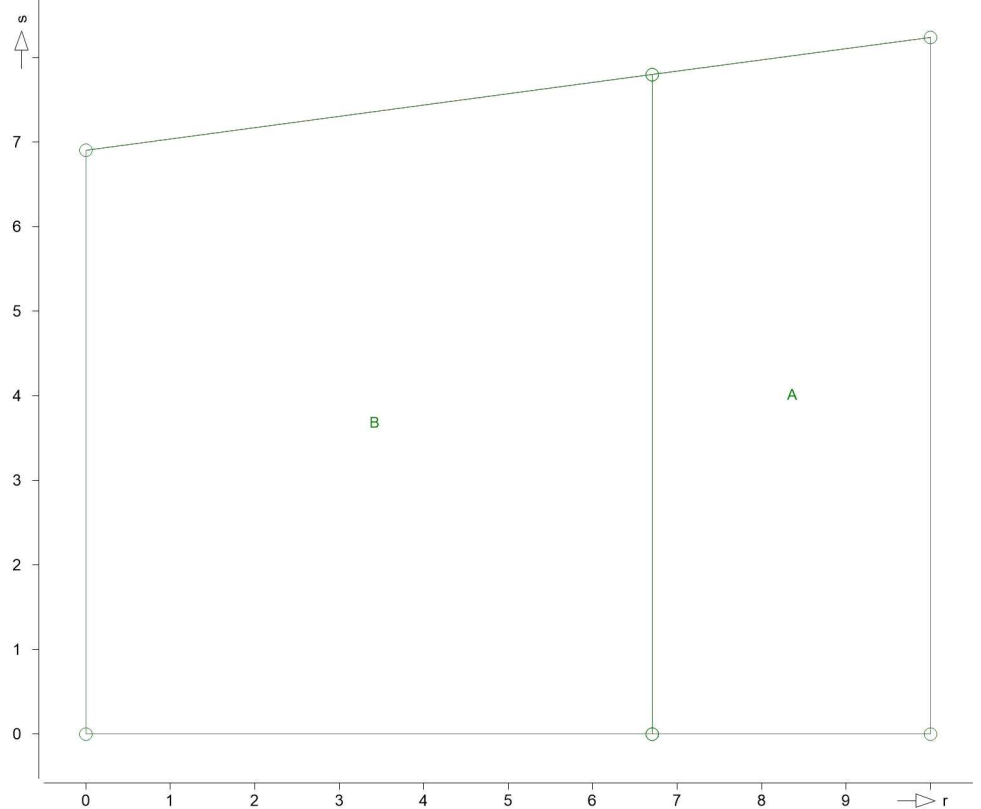
Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
L37	-16.24	-5.00	6.58	0.57	A
	-16.24	-5.00	6.78		
L38	-16.24	-5.00	6.78	0.57	A
	-16.24	-5.00	7.01		
L39	-16.24	-5.00	7.01	0.57	A
	-16.24	-5.00	7.25		
L40	-16.24	-5.00	7.25	0.57	A
	-16.24	-5.00	7.49		
L41	-16.24	-5.00	7.49	0.57	A
	-16.24	-5.00	7.72		
L42	-16.24	-5.00	7.72	1.15	A
	-16.24	-5.00	7.92	0.00	

LF: 180-W-L

Windlasten, Anströmrichtung 180°

Lastbereiche

Bereiche der Windbelastung



Bereich A

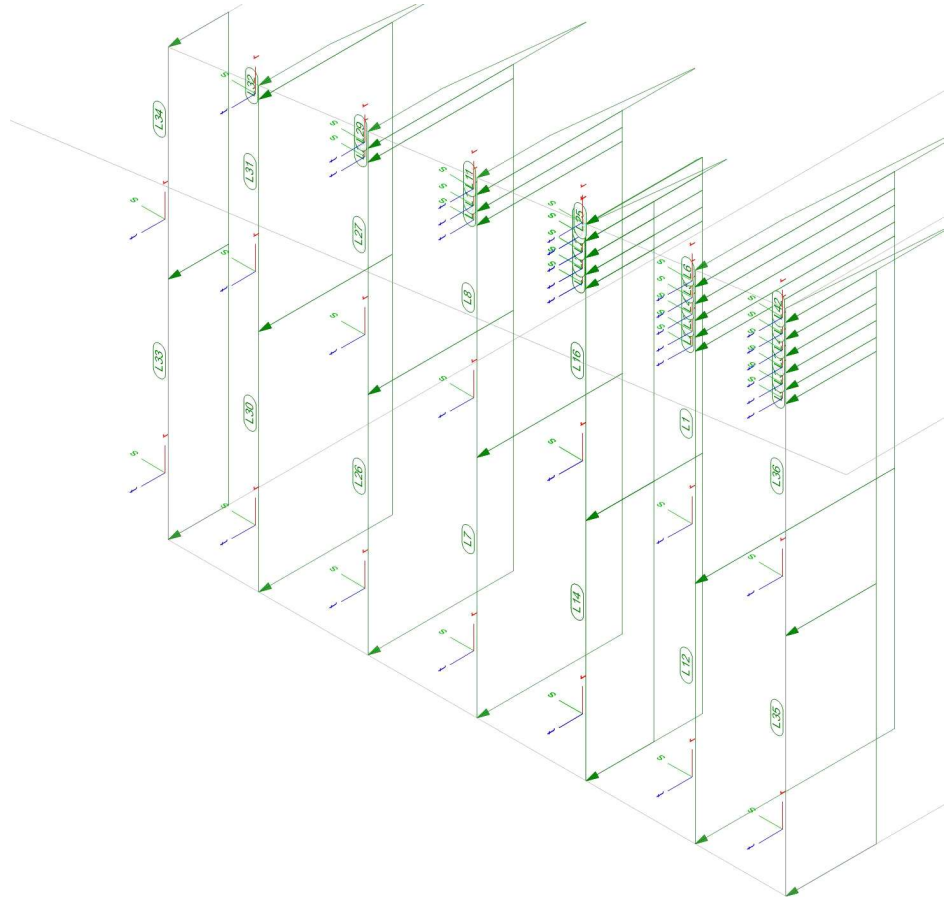
Lastgröße	pt	=	0.78	kN/m ²
r =	10.00	6.71	6.71	10.00 m
s =	8.24	7.80	0.00	0.00 m

Bereich B

Lastgröße	pt	=	0.52	kN/m ²
r =	6.71	0.00	0.00	6.71 m
s =	7.80	6.90	0.00	0.00 m

Verteilte Lasten

Übersicht der verteilten Lasten



Linienlasten

Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
L1	-16.24	-3.53	3.33	1.26	A
L2	-16.24	-3.53	6.58	1.26	A
L3	-16.24	-3.53	6.78	1.26	A
L4	-16.24	-3.53	7.01	1.26	A
L5	-16.24	-3.53	7.25	1.26	A
L6	-16.24	-3.53	7.49	1.95	A
L7	-16.24	-3.53	7.72	0.57	A
L8	-16.24	0.00	-0.32	0.92	B
L9	-16.24	0.00	3.33	0.92	B
L10	-16.24	0.00	6.58	0.92	B
L11	-16.24	0.00	6.78	0.92	B
L12	-16.24	0.00	7.01	0.92	B
L13	-16.24	0.00	7.25	1.38	B
L14	-16.24	0.00	7.49	0.46	B

Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
L12	-16.24	-3.53	-0.32	1.26	A
	-16.24	-3.53	3.33		
L13	-16.24	-1.77	-0.32	0.43	B
	-16.24	-1.77	3.33		
L14	-16.24	-1.77	-0.32	0.74	A
	-16.24	-1.77	3.33		
L15	-16.24	-1.77	3.33	0.43	B
	-16.24	-1.77	6.58		
L16	-16.24	-1.77	3.33	0.74	A
	-16.24	-1.77	6.58		
L17	-16.24	-1.77	6.58	0.43	B
	-16.24	-1.77	6.78		
L18	-16.24	-1.77	6.58	0.74	A
	-16.24	-1.77	6.78		
L19	-16.24	-1.77	6.78	0.43	B
	-16.24	-1.77	7.01		
L20	-16.24	-1.77	6.78	0.74	A
	-16.24	-1.77	7.01		
L21	-16.24	-1.77	7.01	0.43	B
	-16.24	-1.77	7.25		
L22	-16.24	-1.77	7.01	0.74	A
	-16.24	-1.77	7.25		
L23	-16.24	-1.77	7.25	0.89	B
	-16.24	-1.77	7.48	0.00	
L24	-16.24	-1.77	7.25	0.74	A
	-16.24	-1.77	7.48		
L25	-16.24	-1.77	7.48	0.74	A
	-16.24	-1.77	7.49	0.69	
L26	-16.24	1.77	-0.32	0.92	B
	-16.24	1.77	3.33		
L27	-16.24	1.77	3.33	0.92	B
	-16.24	1.77	6.58		
L28	-16.24	1.77	6.58	0.92	B
	-16.24	1.77	6.78		
L29	-16.24	1.77	6.78	1.38	B
	-16.24	1.77	7.01	0.46	
L30	-16.24	3.53	-0.32	0.84	B
	-16.24	3.53	3.33		
L31	-16.24	3.53	3.33	0.84	B
	-16.24	3.53	6.58		
L32	-16.24	3.53	6.58	1.22	B
	-16.24	3.53	6.78	0.46	
L33	-16.24	5.00	-0.32	0.38	B
	-16.24	5.00	3.33		
L34	-16.24	5.00	3.33	0.38	B
	-16.24	5.00	6.58		
L35	-16.24	-5.00	-0.32	0.57	A
	-16.24	-5.00	3.33		
L36	-16.24	-5.00	3.33	0.57	A
	-16.24	-5.00	6.58		

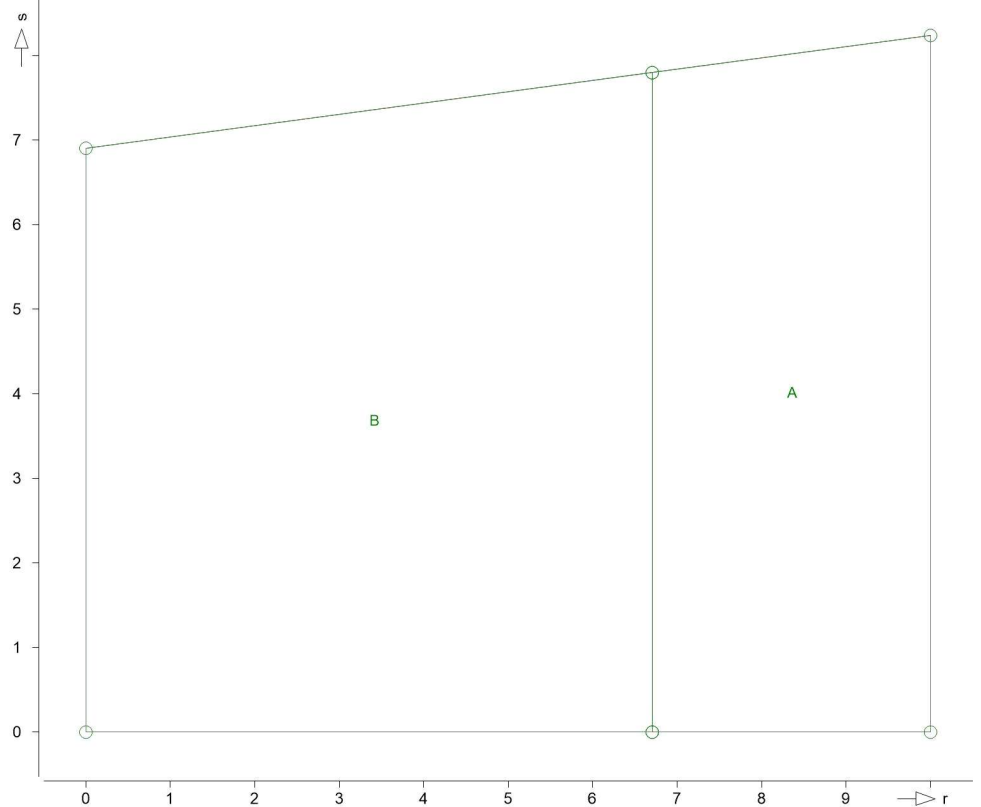
Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
L37	-16.24	-5.00	6.58	0.57	A
	-16.24	-5.00	6.78		
L38	-16.24	-5.00	6.78	0.57	A
	-16.24	-5.00	7.01		
L39	-16.24	-5.00	7.01	0.57	A
	-16.24	-5.00	7.25		
L40	-16.24	-5.00	7.25	0.57	A
	-16.24	-5.00	7.49		
L41	-16.24	-5.00	7.49	0.57	A
	-16.24	-5.00	7.72		
L42	-16.24	-5.00	7.72	1.15	A
	-16.24	-5.00	7.92	0.00	

LF: 180-W-R

Windlasten, Anströmrichtung 180°

Lastbereiche

Bereiche der Windbelastung



Bereich A

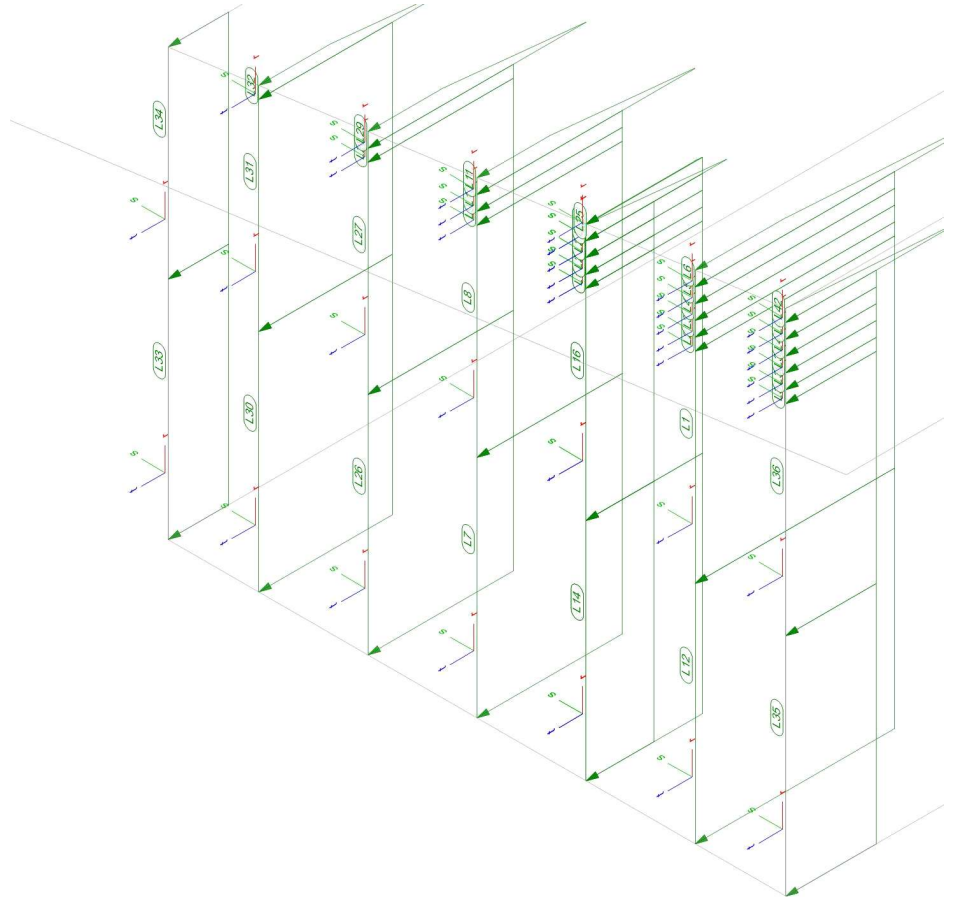
Lastgröße	pt	=	0.78	kN/m ²
r =	10.00	6.71	6.71	10.00 m
s =	8.24	7.80	0.00	0.00 m

Bereich B

Lastgröße	pt	=	0.52	kN/m ²
r =	6.71	0.00	0.00	6.71 m
s =	7.80	6.90	0.00	0.00 m

Verteilte Lasten

Übersicht der verteilten Lasten



Linienlasten

Bez.	x1	y1	z1	Last	WB
	x2	y2	z2		
	[m]	[m]	[m]	[kN/m]	
L1	-16.24	-3.53	3.33	1.26	A
	-16.24	-3.53	6.58		
L2	-16.24	-3.53	6.58	1.26	A
	-16.24	-3.53	6.78		
L3	-16.24	-3.53	6.78	1.26	A
	-16.24	-3.53	7.01		
L4	-16.24	-3.53	7.01	1.26	A
	-16.24	-3.53	7.25		
L5	-16.24	-3.53	7.25	1.26	A
	-16.24	-3.53	7.49		
L6	-16.24	-3.53	7.49	1.95	A
	-16.24	-3.53	7.72	0.57	
L7	-16.24	0.00	-0.32	0.92	B
	-16.24	0.00	3.33		
L8	-16.24	0.00	3.33	0.92	B
	-16.24	0.00	6.58		
L9	-16.24	0.00	6.58	0.92	B
	-16.24	0.00	6.78		
L10	-16.24	0.00	6.78	0.92	B
	-16.24	0.00	7.01		
L11	-16.24	0.00	7.01	1.38	B
	-16.24	0.00	7.25	0.46	

Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
L12	-16.24	-3.53	-0.32	1.26	A
	-16.24	-3.53	3.33		
L13	-16.24	-1.77	-0.32	0.43	B
	-16.24	-1.77	3.33		
L14	-16.24	-1.77	-0.32	0.74	A
	-16.24	-1.77	3.33		
L15	-16.24	-1.77	3.33	0.43	B
	-16.24	-1.77	6.58		
L16	-16.24	-1.77	3.33	0.74	A
	-16.24	-1.77	6.58		
L17	-16.24	-1.77	6.58	0.43	B
	-16.24	-1.77	6.78		
L18	-16.24	-1.77	6.58	0.74	A
	-16.24	-1.77	6.78		
L19	-16.24	-1.77	6.78	0.43	B
	-16.24	-1.77	7.01		
L20	-16.24	-1.77	6.78	0.74	A
	-16.24	-1.77	7.01		
L21	-16.24	-1.77	7.01	0.43	B
	-16.24	-1.77	7.25		
L22	-16.24	-1.77	7.01	0.74	A
	-16.24	-1.77	7.25		
L23	-16.24	-1.77	7.25	0.89	B
	-16.24	-1.77	7.48	0.00	
L24	-16.24	-1.77	7.25	0.74	A
	-16.24	-1.77	7.48		
L25	-16.24	-1.77	7.48	0.74	A
	-16.24	-1.77	7.49	0.69	
L26	-16.24	1.77	-0.32	0.92	B
	-16.24	1.77	3.33		
L27	-16.24	1.77	3.33	0.92	B
	-16.24	1.77	6.58		
L28	-16.24	1.77	6.58	0.92	B
	-16.24	1.77	6.78		
L29	-16.24	1.77	6.78	1.38	B
	-16.24	1.77	7.01	0.46	
L30	-16.24	3.53	-0.32	0.84	B
	-16.24	3.53	3.33		
L31	-16.24	3.53	3.33	0.84	B
	-16.24	3.53	6.58		
L32	-16.24	3.53	6.58	1.22	B
	-16.24	3.53	6.78	0.46	
L33	-16.24	5.00	-0.32	0.38	B
	-16.24	5.00	3.33		
L34	-16.24	5.00	3.33	0.38	B
	-16.24	5.00	6.58		
L35	-16.24	-5.00	-0.32	0.57	A
	-16.24	-5.00	3.33		
L36	-16.24	-5.00	3.33	0.57	A
	-16.24	-5.00	6.58		

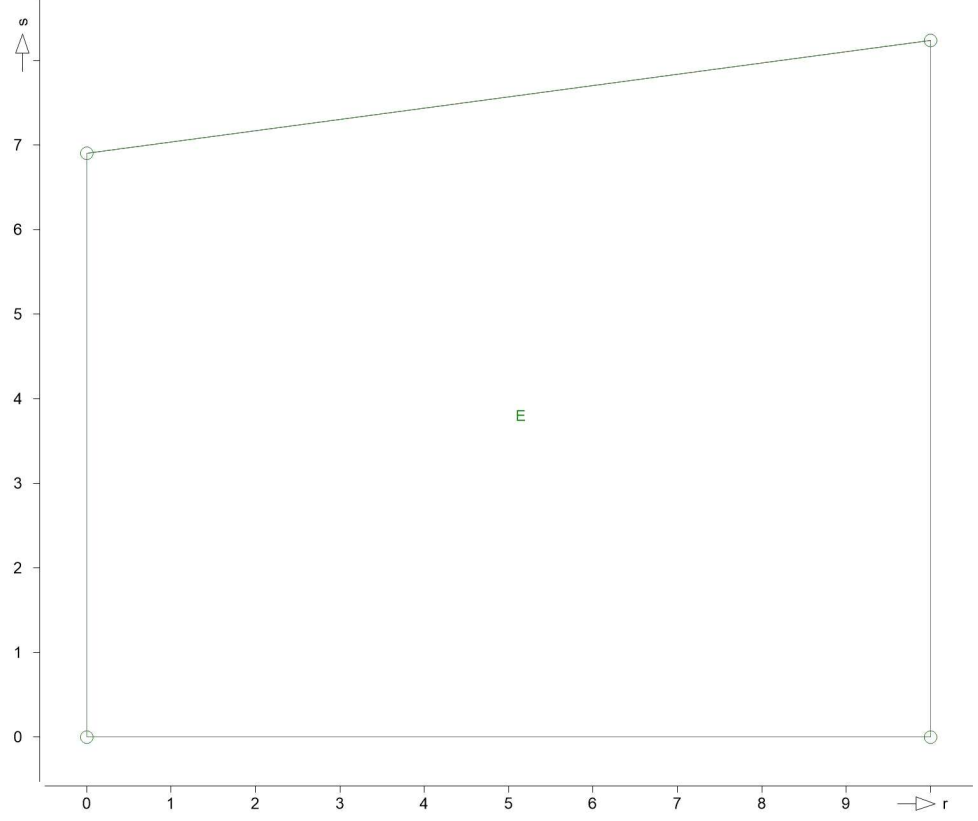
Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
L37	-16.24	-5.00	6.58	0.57	A
	-16.24	-5.00	6.78		
L38	-16.24	-5.00	6.78	0.57	A
	-16.24	-5.00	7.01		
L39	-16.24	-5.00	7.01	0.57	A
	-16.24	-5.00	7.25		
L40	-16.24	-5.00	7.25	0.57	A
	-16.24	-5.00	7.49		
L41	-16.24	-5.00	7.49	0.57	A
	-16.24	-5.00	7.72		
L42	-16.24	-5.00	7.72	1.15	A
	-16.24	-5.00	7.92	0.00	

LF: 270-W

Windlasten, Anströmrichtung 270°

Lastbereiche

Bereiche der Windbelastung

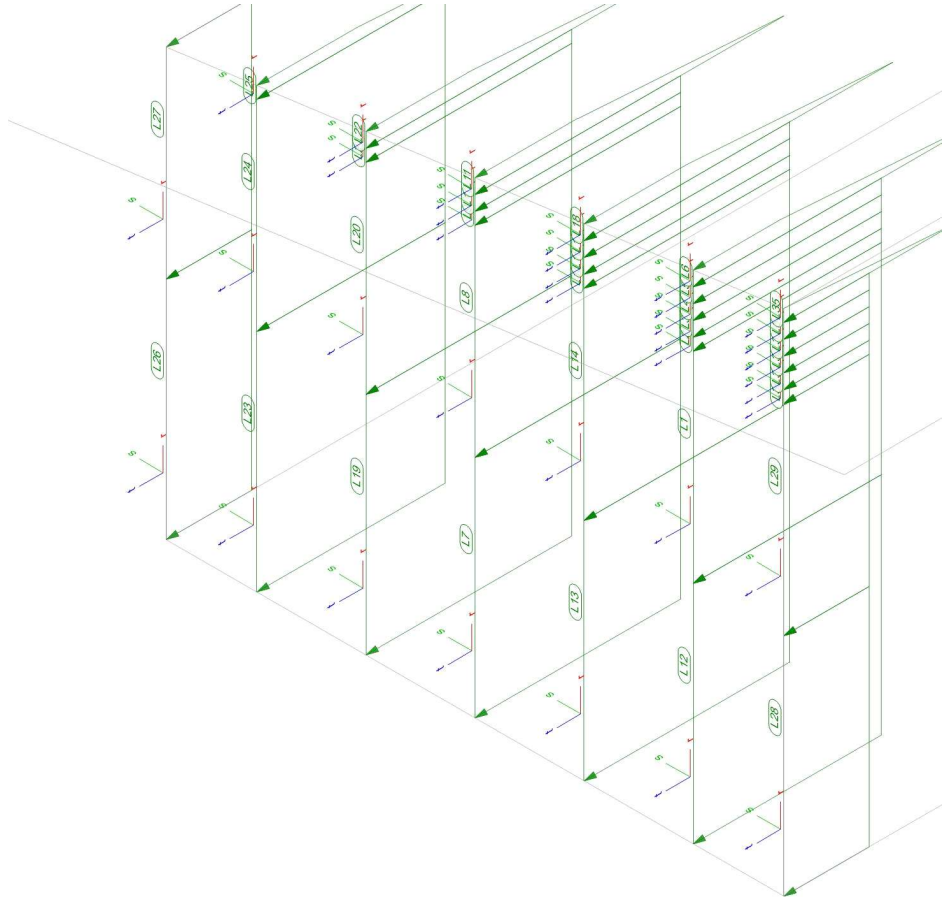


Bereich E

Lastgröße				pt	=	0.20	kN/m ²
r	=	10.00	0.00	0.00		10.00 m	
s	=	8.24	6.90	0.00		0.00 m	

Verteilte Lasten

Übersicht der verteilten Lasten



Linienlasten

Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
L1	-16.24	-3.53	3.33	0.32	E
L2	-16.24	-3.53	6.58	0.32	E
L3	-16.24	-3.53	6.78	0.32	E
L4	-16.24	-3.53	7.01	0.32	E
L5	-16.24	-3.53	7.25	0.32	E
L6	-16.24	-3.53	7.49	0.49	E
L7	-16.24	-3.53	7.72	0.14	E
L8	-16.24	0.00	-0.32	0.35	E
L9	-16.24	0.00	3.33	0.35	E
L10	-16.24	0.00	6.58	0.35	E
L11	-16.24	0.00	6.78	0.35	E
	-16.24	0.00	6.78	0.35	E
	-16.24	0.00	7.01	0.35	E
	-16.24	0.00	7.01	0.52	E
	-16.24	0.00	7.25	0.17	E

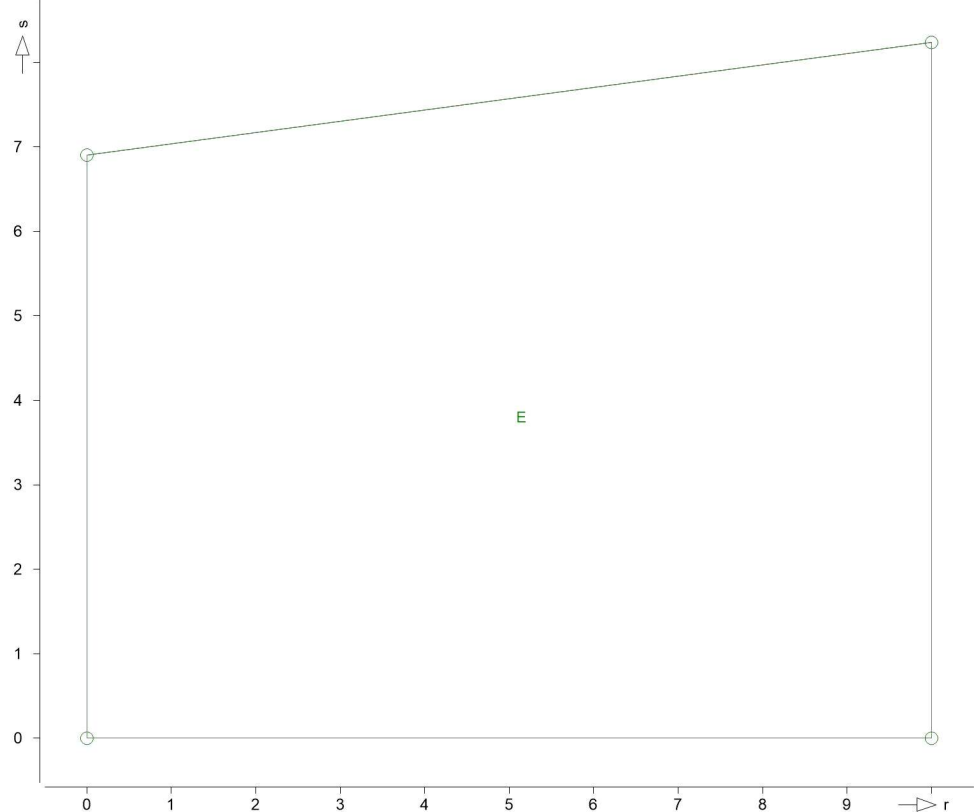
Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
L12	-16.24	-3.53	-0.32	0.32	E
	-16.24	-3.53	3.33		
L13	-16.24	-1.77	-0.32	0.35	E
	-16.24	-1.77	3.33		
L14	-16.24	-1.77	3.33	0.35	E
	-16.24	-1.77	6.58		
L15	-16.24	-1.77	6.58	0.35	E
	-16.24	-1.77	6.78		
L16	-16.24	-1.77	6.78	0.35	E
	-16.24	-1.77	7.01		
L17	-16.24	-1.77	7.01	0.35	E
	-16.24	-1.77	7.25		
L18	-16.24	-1.77	7.25	0.52	E
	-16.24	-1.77	7.49	0.17	
L19	-16.24	1.77	-0.32	0.35	E
	-16.24	1.77	3.33		
L20	-16.24	1.77	3.33	0.35	E
	-16.24	1.77	6.58		
L21	-16.24	1.77	6.58	0.35	E
	-16.24	1.77	6.78		
L22	-16.24	1.77	6.78	0.52	E
	-16.24	1.77	7.01	0.17	
L23	-16.24	3.53	-0.32	0.32	E
	-16.24	3.53	3.33		
L24	-16.24	3.53	3.33	0.32	E
	-16.24	3.53	6.58		
L25	-16.24	3.53	6.58	0.46	E
	-16.24	3.53	6.78	0.17	
L26	-16.24	5.00	-0.32	0.14	E
	-16.24	5.00	3.33		
L27	-16.24	5.00	3.33	0.14	E
	-16.24	5.00	6.58		
L28	-16.24	-5.00	-0.32	0.14	E
	-16.24	-5.00	3.33		
L29	-16.24	-5.00	3.33	0.14	E
	-16.24	-5.00	6.58		
L30	-16.24	-5.00	6.58	0.14	E
	-16.24	-5.00	6.78		
L31	-16.24	-5.00	6.78	0.14	E
	-16.24	-5.00	7.01		
L32	-16.24	-5.00	7.01	0.14	E
	-16.24	-5.00	7.25		
L33	-16.24	-5.00	7.25	0.14	E
	-16.24	-5.00	7.49		
L34	-16.24	-5.00	7.49	0.14	E
	-16.24	-5.00	7.72		
L35	-16.24	-5.00	7.72	0.29	E
	-16.24	-5.00	7.92	0.00	

LF: 270-W-L

Windlasten, Anströmrichtung 270°

Lastbereiche

Bereiche der Windbelastung

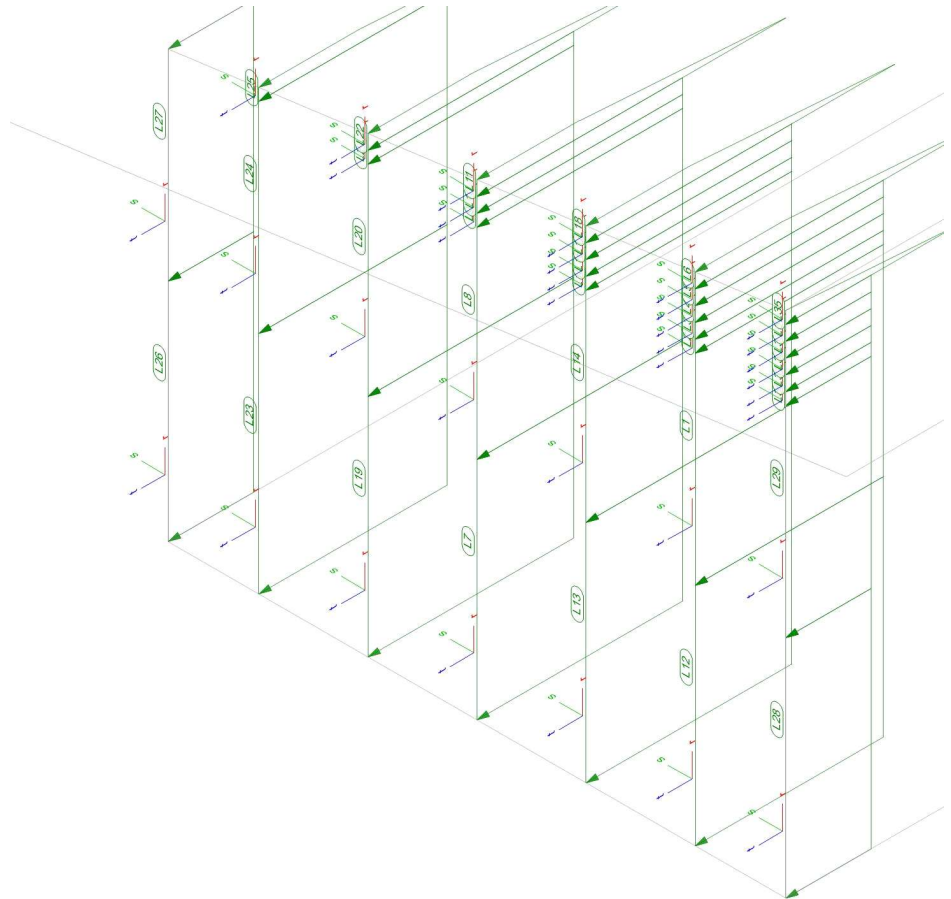


Bereich E

Lastgröße				pt	=	0.20	kN/m ²
r	=	10.00	0.00	0.00	10.00	m	
s	=	8.24	6.90	0.00	0.00	m	

Verteilte Lasten

Übersicht der verteilten Lasten



Linienlasten

Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
L1	-16.24	-3.53	3.33	0.32	E
L2	-16.24	-3.53	6.58	0.32	E
L3	-16.24	-3.53	6.78	0.32	E
L4	-16.24	-3.53	7.01	0.32	E
L5	-16.24	-3.53	7.25	0.32	E
L6	-16.24	-3.53	7.49	0.49	E
L7	-16.24	-3.53	7.72	0.14	E
L8	-16.24	0.00	-0.32	0.35	E
L9	-16.24	0.00	3.33	0.35	E
L10	-16.24	0.00	6.58	0.35	E
L11	-16.24	0.00	6.78	0.35	E
	-16.24	0.00	6.78	0.35	E
	-16.24	0.00	7.01	0.35	E
	-16.24	0.00	7.01	0.52	E
	-16.24	0.00	7.25	0.17	E

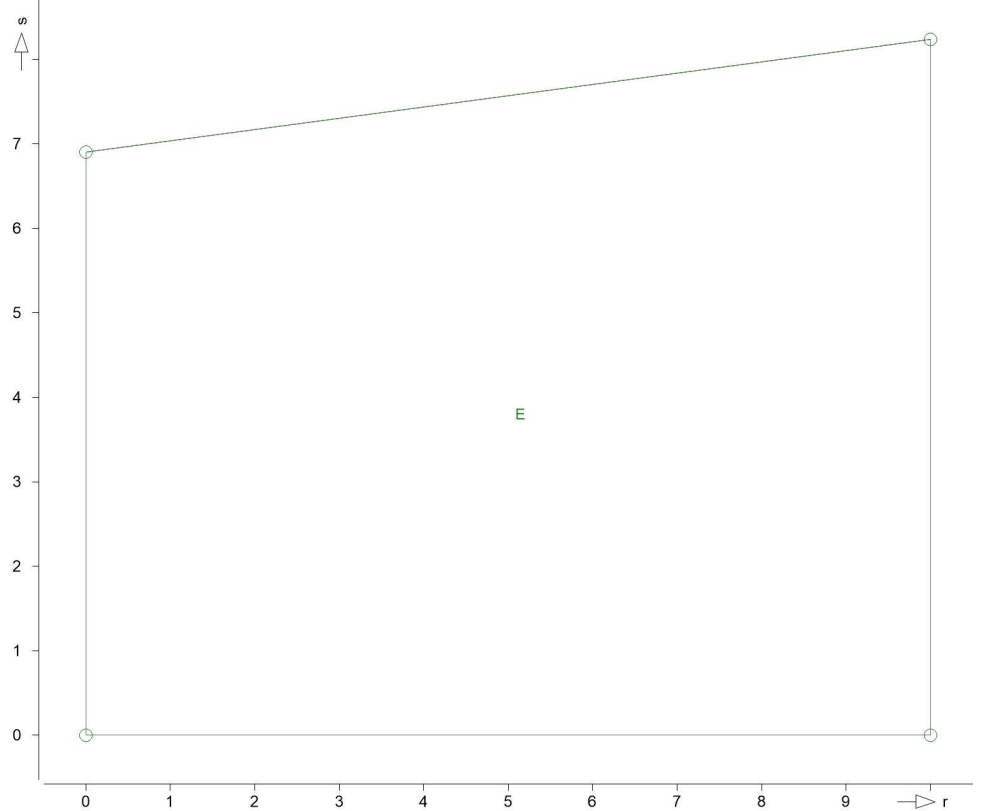
Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
L12	-16.24	-3.53	-0.32	0.32	E
	-16.24	-3.53	3.33		
L13	-16.24	-1.77	-0.32	0.35	E
	-16.24	-1.77	3.33		
L14	-16.24	-1.77	3.33	0.35	E
	-16.24	-1.77	6.58		
L15	-16.24	-1.77	6.58	0.35	E
	-16.24	-1.77	6.78		
L16	-16.24	-1.77	6.78	0.35	E
	-16.24	-1.77	7.01		
L17	-16.24	-1.77	7.01	0.35	E
	-16.24	-1.77	7.25		
L18	-16.24	-1.77	7.25	0.52	E
	-16.24	-1.77	7.49	0.17	
L19	-16.24	1.77	-0.32	0.35	E
	-16.24	1.77	3.33		
L20	-16.24	1.77	3.33	0.35	E
	-16.24	1.77	6.58		
L21	-16.24	1.77	6.58	0.35	E
	-16.24	1.77	6.78		
L22	-16.24	1.77	6.78	0.52	E
	-16.24	1.77	7.01	0.17	
L23	-16.24	3.53	-0.32	0.32	E
	-16.24	3.53	3.33		
L24	-16.24	3.53	3.33	0.32	E
	-16.24	3.53	6.58		
L25	-16.24	3.53	6.58	0.46	E
	-16.24	3.53	6.78	0.17	
L26	-16.24	5.00	-0.32	0.14	E
	-16.24	5.00	3.33		
L27	-16.24	5.00	3.33	0.14	E
	-16.24	5.00	6.58		
L28	-16.24	-5.00	-0.32	0.14	E
	-16.24	-5.00	3.33		
L29	-16.24	-5.00	3.33	0.14	E
	-16.24	-5.00	6.58		
L30	-16.24	-5.00	6.58	0.14	E
	-16.24	-5.00	6.78		
L31	-16.24	-5.00	6.78	0.14	E
	-16.24	-5.00	7.01		
L32	-16.24	-5.00	7.01	0.14	E
	-16.24	-5.00	7.25		
L33	-16.24	-5.00	7.25	0.14	E
	-16.24	-5.00	7.49		
L34	-16.24	-5.00	7.49	0.14	E
	-16.24	-5.00	7.72		
L35	-16.24	-5.00	7.72	0.29	E
	-16.24	-5.00	7.92	0.00	

LF: 270-W-R

Windlasten, Anströmrichtung 270°

Lastbereiche

Bereiche der Windbelastung

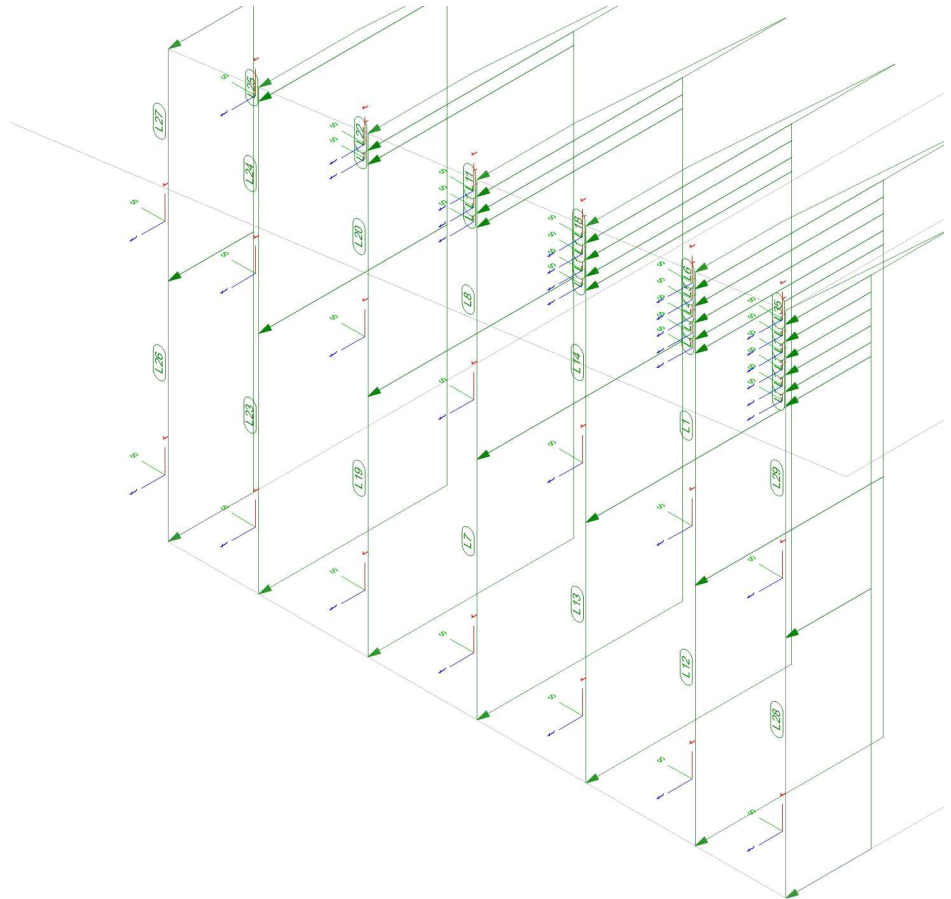


Bereich E

Lastgröße		pt		=		0.20	kN/m ²
r	=	10.00	0.00	0.00	10.00	m	
s	=	8.24	6.90	0.00	0.00	m	

Verteilte Lasten

Übersicht der verteilten Lasten



Linienlasten

Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
L1	-16.24	-3.53	3.33	0.32	E
L2	-16.24	-3.53	6.58	0.32	E
L3	-16.24	-3.53	6.78	0.32	E
L4	-16.24	-3.53	7.01	0.32	E
L5	-16.24	-3.53	7.25	0.32	E
L6	-16.24	-3.53	7.49	0.49	E
L7	-16.24	-3.53	7.72	0.14	E
L8	-16.24	0.00	-0.32	0.35	E
L9	-16.24	0.00	3.33	0.35	E
L10	-16.24	0.00	6.58	0.35	E
L11	-16.24	0.00	6.78	0.35	E
	-16.24	0.00	6.78	0.35	E
	-16.24	0.00	7.01	0.35	E
	-16.24	0.00	7.01	0.52	E
	-16.24	0.00	7.25	0.17	E

Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
L12	-16.24	-3.53	-0.32	0.32	E
	-16.24	-3.53	3.33		
L13	-16.24	-1.77	-0.32	0.35	E
	-16.24	-1.77	3.33		
L14	-16.24	-1.77	3.33	0.35	E
	-16.24	-1.77	6.58		
L15	-16.24	-1.77	6.58	0.35	E
	-16.24	-1.77	6.78		
L16	-16.24	-1.77	6.78	0.35	E
	-16.24	-1.77	7.01		
L17	-16.24	-1.77	7.01	0.35	E
	-16.24	-1.77	7.25		
L18	-16.24	-1.77	7.25	0.52	E
	-16.24	-1.77	7.49	0.17	
L19	-16.24	1.77	-0.32	0.35	E
	-16.24	1.77	3.33		
L20	-16.24	1.77	3.33	0.35	E
	-16.24	1.77	6.58		
L21	-16.24	1.77	6.58	0.35	E
	-16.24	1.77	6.78		
L22	-16.24	1.77	6.78	0.52	E
	-16.24	1.77	7.01	0.17	
L23	-16.24	3.53	-0.32	0.32	E
	-16.24	3.53	3.33		
L24	-16.24	3.53	3.33	0.32	E
	-16.24	3.53	6.58		
L25	-16.24	3.53	6.58	0.46	E
	-16.24	3.53	6.78	0.17	
L26	-16.24	5.00	-0.32	0.14	E
	-16.24	5.00	3.33		
L27	-16.24	5.00	3.33	0.14	E
	-16.24	5.00	6.58		
L28	-16.24	-5.00	-0.32	0.14	E
	-16.24	-5.00	3.33		
L29	-16.24	-5.00	3.33	0.14	E
	-16.24	-5.00	6.58		
L30	-16.24	-5.00	6.58	0.14	E
	-16.24	-5.00	6.78		
L31	-16.24	-5.00	6.78	0.14	E
	-16.24	-5.00	7.01		
L32	-16.24	-5.00	7.01	0.14	E
	-16.24	-5.00	7.25		
L33	-16.24	-5.00	7.25	0.14	E
	-16.24	-5.00	7.49		
L34	-16.24	-5.00	7.49	0.14	E
	-16.24	-5.00	7.72		
L35	-16.24	-5.00	7.72	0.29	E
	-16.24	-5.00	7.92	0.00	

Giebel hinten

Belastungen auf die hintere Giebelseite

Die folgenden Lasten werden generiert:

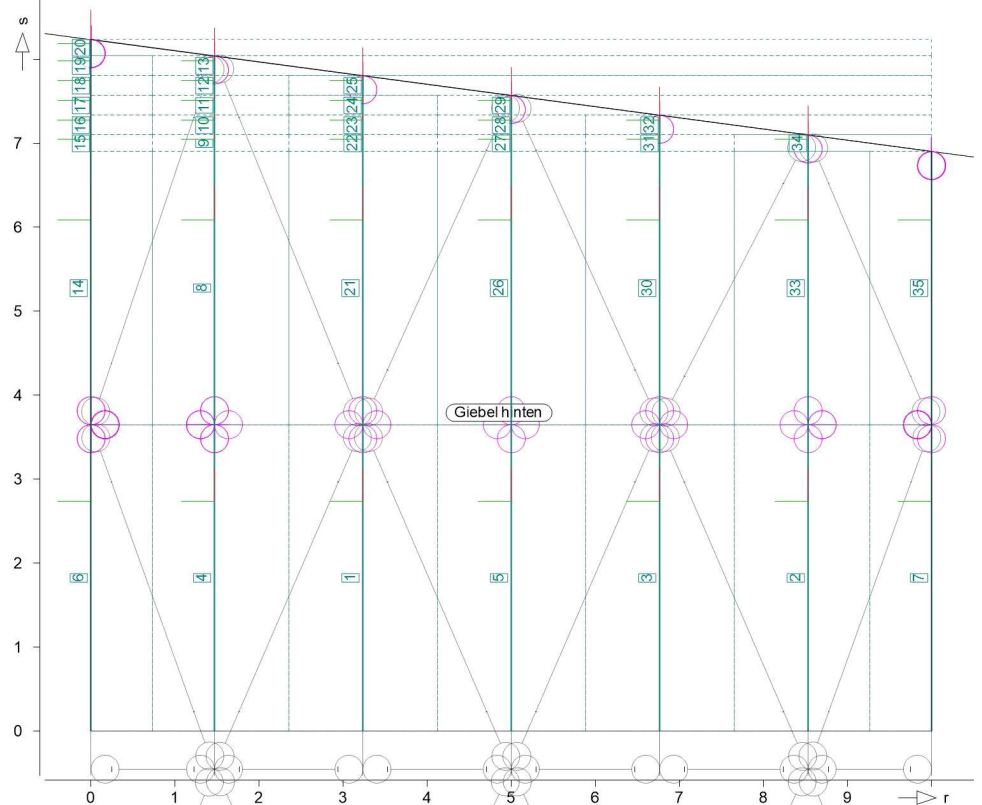
- Eigenlasten
- Windlasten

Die Lasten der Fläche werden linienförmig verteilt.

Hierbei werden über Einflussbreiten die Flächenlasten den Lastverteilungslinien zugeordnet. Lasten außerhalb der Einflussbreiten bleiben unberücksichtigt.

Positionsgrafik

Übersicht der Lastverteilungslinien



Verteilungslinien

Nr.	Koordinaten		Einflussbreite	
	r [m]	s [m]	links [m]	rechts [m]
1	0.00	0.00	0.00	0.73
	0.00	3.65		
2	0.00	3.65	0.00	0.73
	0.00	6.90		
3	0.00	6.90	0.00	0.73
	0.00	7.10		
4	0.00	7.10	0.00	0.73
	0.00	7.33		
5	0.00	7.33	0.00	0.73
	0.00	7.57		
6	0.00	7.57	0.00	0.73
	0.00	7.81		
7	0.00	7.81	0.00	0.73
	0.00	8.04		
8	0.00	8.04	0.00	10.00

Nr.	Koordinaten		Einflussbreite	
	r [m]	s [m]	links [m]	rechts [m]
	0.00	8.24		
9	1.47	0.00	0.73	0.88
	1.47	3.65		
10	1.47	3.65	0.73	0.88
	1.47	6.90		
11	1.47	6.90	0.73	0.88
	1.47	7.10		
12	1.47	7.10	0.73	0.88
	1.47	7.33		
13	1.47	7.33	0.73	0.88
	1.47	7.57		
14	1.47	7.57	0.73	0.88
	1.47	7.81		
15	1.47	7.81	0.73	8.53
	1.47	8.04		
16	3.23	0.00	0.88	0.88
	3.23	3.65		
17	3.23	3.65	0.88	0.88
	3.23	6.90		
18	3.23	6.90	0.88	0.88
	3.23	7.10		
19	3.23	7.10	0.88	0.88
	3.23	7.33		
20	3.23	7.33	0.88	0.88
	3.23	7.57		
21	3.23	7.57	0.88	6.77
	3.23	7.81		
22	5.00	0.00	0.88	0.88
	5.00	3.65		
23	5.00	3.65	0.88	0.88
	5.00	6.90		
24	5.00	6.90	0.88	0.88
	5.00	7.10		
25	5.00	7.10	0.88	0.88
	5.00	7.33		
26	5.00	7.33	0.88	5.00
	5.00	7.57		
27	6.77	0.00	0.88	0.88
	6.77	3.65		
28	6.77	3.65	0.88	0.88
	6.77	6.90		
29	6.77	6.90	0.88	0.88
	6.77	7.10		
30	6.77	7.10	0.88	3.23
	6.77	7.33		
31	8.53	0.00	0.88	0.73
	8.53	3.65		
32	8.53	3.65	0.88	0.73
	8.53	6.90		
33	8.53	6.90	0.88	1.47

Nr.	Koordinaten		Einflussbreite	
	r [m]	s [m]	links [m]	rechts [m]
34	8.53	7.10		
	10.00	0.00	0.73	0.00
	10.00	3.65		
35	10.00	3.65	0.73	0.00
	10.00	6.90		

Eigenlasten

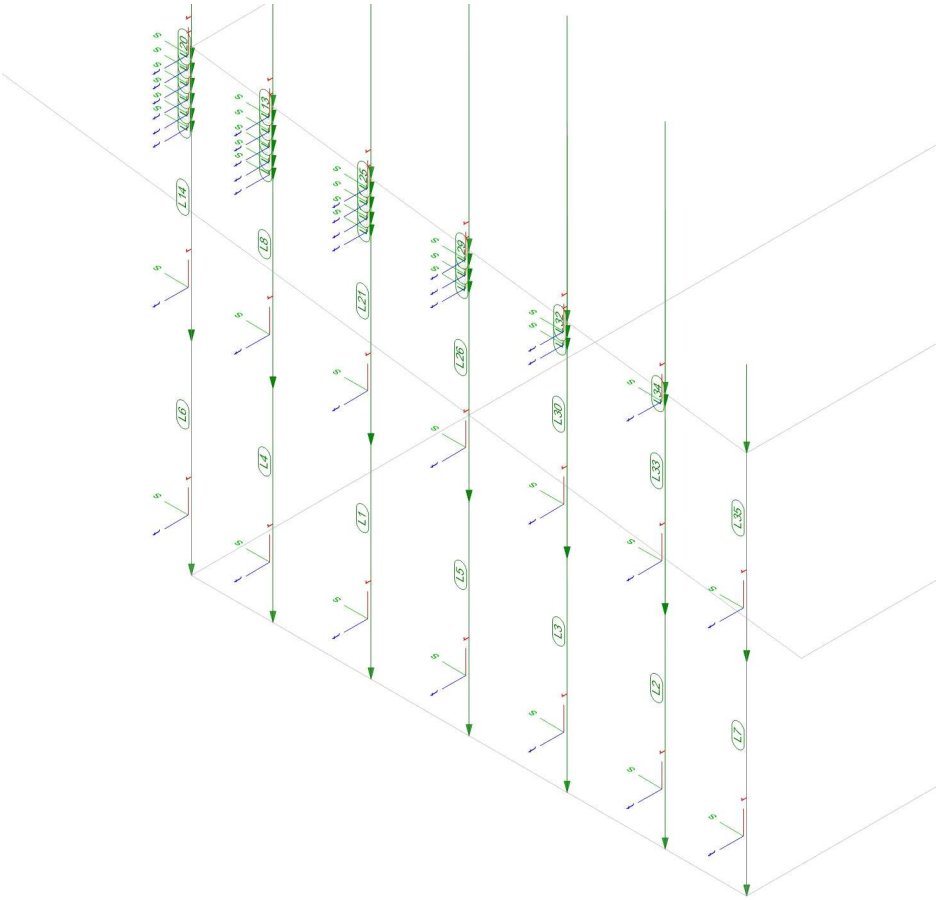
Belastungen infolge Eigenlasten

LF: LF-1

Eigengewicht

Verteilte Lasten

Übersicht der verteilten Lasten



Linienlasten

Bez.	x1	y1	z1	Last
	x2 [m]	y2 [m]	z2 [m]	
L1	16.24	-1.77	-0.32	3.53
	16.24	-1.77	3.33	
L2	16.24	3.53	-0.32	3.23
	16.24	3.53	3.33	
L3	16.24	1.77	-0.32	3.53
	16.24	1.77	3.33	
L4	16.24	-3.53	-0.32	3.23
	16.24	-3.53	3.33	

Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]
L5	16.24	0.00	-0.32	3.53
	16.24	0.00	3.33	
L6	16.24	-5.00	-0.32	1.47
	16.24	-5.00	3.33	
L7	16.24	5.00	-0.32	1.47
	16.24	5.00	3.33	
L8	16.24	-3.53	3.33	3.23
	16.24	-3.53	6.58	
L9	16.24	-3.53	6.58	3.23
	16.24	-3.53	6.78	
L10	16.24	-3.53	6.78	3.23
	16.24	-3.53	7.01	
L11	16.24	-3.53	7.01	3.23
	16.24	-3.53	7.25	
L12	16.24	-3.53	7.25	3.23
	16.24	-3.53	7.49	
L13	16.24	-3.53	7.49	5.00
	16.24	-3.53	7.72	1.47
L14	16.24	-5.00	3.33	1.47
	16.24	-5.00	6.58	
L15	16.24	-5.00	6.58	1.47
	16.24	-5.00	6.78	
L16	16.24	-5.00	6.78	1.47
	16.24	-5.00	7.01	
L17	16.24	-5.00	7.01	1.47
	16.24	-5.00	7.25	
L18	16.24	-5.00	7.25	1.47
	16.24	-5.00	7.49	
L19	16.24	-5.00	7.49	1.47
	16.24	-5.00	7.72	
L20	16.24	-5.00	7.72	2.94
	16.24	-5.00	7.92	0.00
L21	16.24	-1.77	3.33	3.53
	16.24	-1.77	6.58	
L22	16.24	-1.77	6.58	3.53
	16.24	-1.77	6.78	
L23	16.24	-1.77	6.78	3.53
	16.24	-1.77	7.01	
L24	16.24	-1.77	7.01	3.53
	16.24	-1.77	7.25	
L25	16.24	-1.77	7.25	5.30
	16.24	-1.77	7.49	1.77
L26	16.24	0.00	3.33	3.53
	16.24	0.00	6.58	
L27	16.24	0.00	6.58	3.53
	16.24	0.00	6.78	
L28	16.24	0.00	6.78	3.53
	16.24	0.00	7.01	
L29	16.24	0.00	7.01	5.30
	16.24	0.00	7.25	1.77

Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]
L30	16.24	1.77	3.33	3.53
	16.24	1.77	6.58	
L31	16.24	1.77	6.58	3.53
	16.24	1.77	6.78	
L32	16.24	1.77	6.78	5.30
	16.24	1.77	7.01	1.77
L33	16.24	3.53	3.33	3.23
	16.24	3.53	6.58	
L34	16.24	3.53	6.58	4.70
	16.24	3.53	6.78	1.77
L35	16.24	5.00	3.33	1.47
	16.24	5.00	6.58	

Windlasten

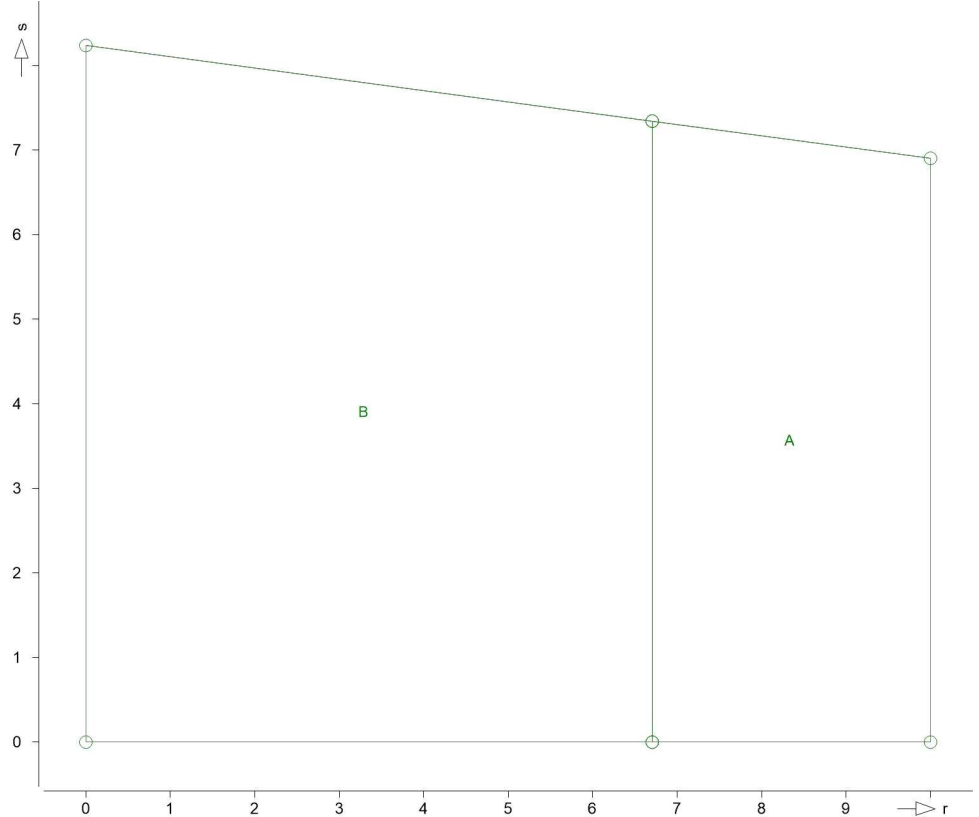
Belastungen infolge Wind

LF: 000-W

Windlasten, Anströmrichtung 0°

Lastbereiche

Bereiche der Windbelastung



Bereich A

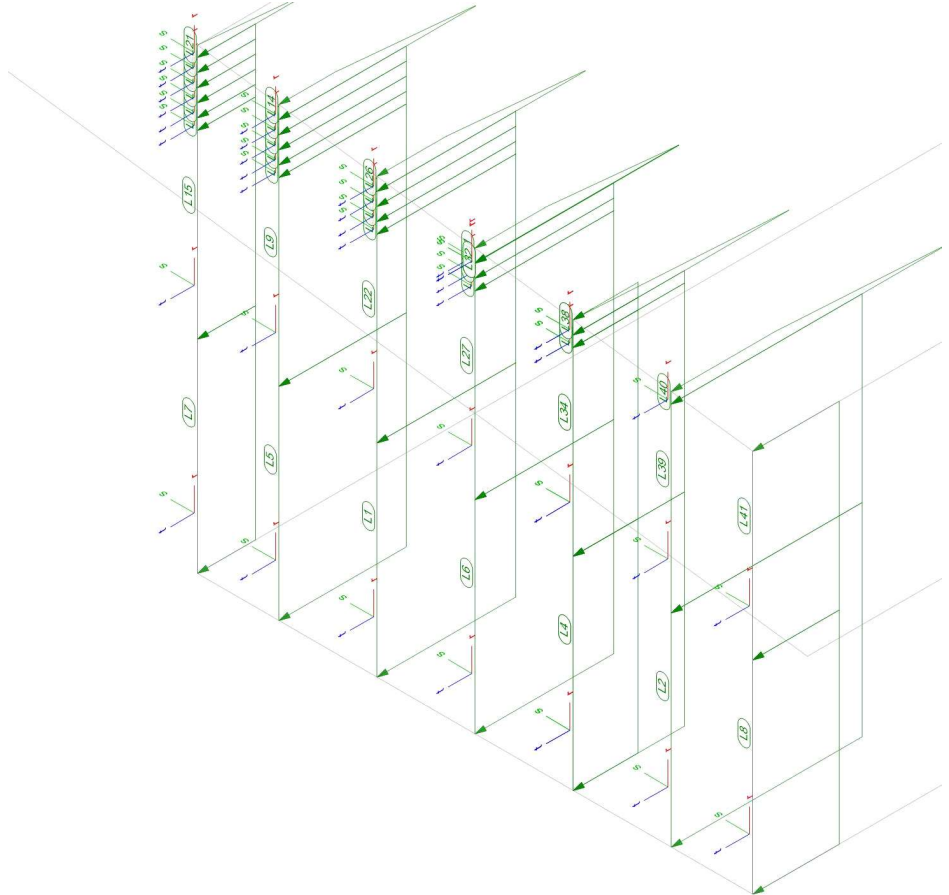
Lastgröße	pt	=	0.78	kN/m ²
r = 10.00	6.71	6.71	10.00 m	
s = 6.90	7.34	0.00	0.00 m	

Bereich B

Lastgröße	pt	=	0.52	kN/m ²
r = 6.71	0.00	0.00	6.71 m	
s = 7.34	8.24	0.00	0.00 m	

Verteilte Lasten

Übersicht der verteilten Lasten



Linienlasten

Bez.	x1	y1	z1	Last	WB
	x2	y2	z2	[kN/m]	
	[m]	[m]	[m]		
L1	16.24	-1.77	-0.32	0.92	B
	16.24	-1.77	3.33		
L2	16.24	3.53	-0.32	1.26	A
	16.24	3.53	3.33		
L3	16.24	1.77	-0.32	0.43	B
	16.24	1.77	3.33		
L4	16.24	1.77	-0.32	0.74	A
	16.24	1.77	3.33		
L5	16.24	-3.53	-0.32	0.84	B
	16.24	-3.53	3.33		
L6	16.24	0.00	-0.32	0.92	B
	16.24	0.00	3.33		
L7	16.24	-5.00	-0.32	0.38	B
	16.24	-5.00	3.33		
L8	16.24	5.00	-0.32	0.57	A
	16.24	5.00	3.33		
L9	16.24	-3.53	3.33	0.84	B
	16.24	-3.53	6.58		
L10	16.24	-3.53	6.58	0.84	B
	16.24	-3.53	6.78		
L11	16.24	-3.53	6.78	0.84	B
	16.24	-3.53	7.01		

Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
L12	16.24	-3.53	7.01	0.84	B
	16.24	-3.53	7.25		
L13	16.24	-3.53	7.25	0.84	B
	16.24	-3.53	7.49		
L14	16.24	-3.53	7.49	1.30	B
	16.24	-3.53	7.72	0.38	
L15	16.24	-5.00	3.33	0.38	B
	16.24	-5.00	6.58		
L16	16.24	-5.00	6.58	0.38	B
	16.24	-5.00	6.78		
L17	16.24	-5.00	6.78	0.38	B
	16.24	-5.00	7.01		
L18	16.24	-5.00	7.01	0.38	B
	16.24	-5.00	7.25		
L19	16.24	-5.00	7.25	0.38	B
	16.24	-5.00	7.49		
L20	16.24	-5.00	7.49	0.38	B
	16.24	-5.00	7.72		
L21	16.24	-5.00	7.72	0.76	B
	16.24	-5.00	7.92	0.00	
L22	16.24	-1.77	3.33	0.92	B
	16.24	-1.77	6.58		
L23	16.24	-1.77	6.58	0.92	B
	16.24	-1.77	6.78		
L24	16.24	-1.77	6.78	0.92	B
	16.24	-1.77	7.01		
L25	16.24	-1.77	7.01	0.92	B
	16.24	-1.77	7.25		
L26	16.24	-1.77	7.25	1.38	B
	16.24	-1.77	7.49	0.46	
L27	16.24	0.00	3.33	0.92	B
	16.24	0.00	6.58		
L28	16.24	0.00	6.58	0.92	B
	16.24	0.00	6.78		
L29	16.24	0.00	6.78	0.92	B
	16.24	0.00	7.01		
L30	16.24	0.00	7.01	1.35	B
	16.24	0.00	7.02		
L31	16.24	0.00	7.02	1.35	B
	16.24	0.00	7.25	0.46	
L32	16.24	0.00	7.01	0.05	A
	16.24	0.00	7.02	0.00	
L33	16.24	1.77	3.33	0.43	B
	16.24	1.77	6.58		
L34	16.24	1.77	3.33	0.74	A
	16.24	1.77	6.58		
L35	16.24	1.77	6.58	0.43	B
	16.24	1.77	6.78		
L36	16.24	1.77	6.58	0.74	A
	16.24	1.77	6.78		

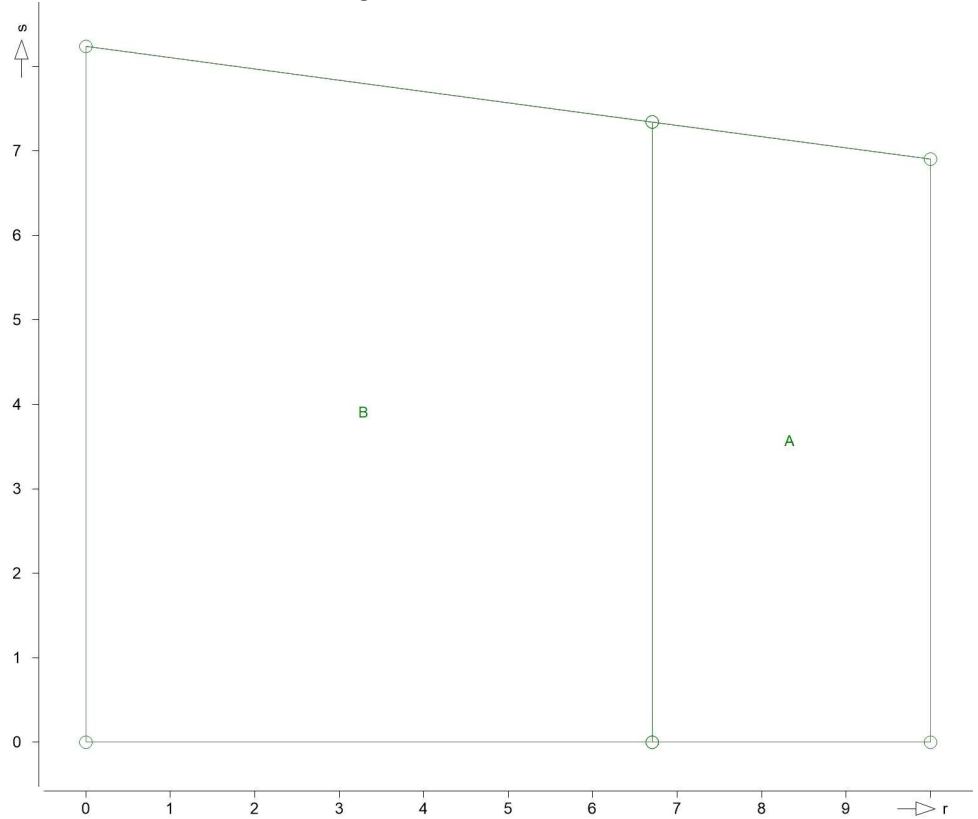
Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
L37	16.24	1.77	6.78	0.43	B
	16.24	1.77	7.01		
L38	16.24	1.77	6.78	1.42	A
	16.24	1.77	7.01	0.05	
L39	16.24	3.53	3.33	1.26	A
	16.24	3.53	6.58		
L40	16.24	3.53	6.58	1.83	A
	16.24	3.53	6.78	0.69	
L41	16.24	5.00	3.33	0.57	A
	16.24	5.00	6.58		

LF: 000-W-L

Windlasten, Anströmrichtung 0°

Lastbereiche

Bereiche der Windbelastung



Bereich A

Lastgröße pt = 0.78 kN/m²

r = 10.00 6.71 6.71 10.00 m

s = 6.90 7.34 0.00 0.00 m

Bereich B

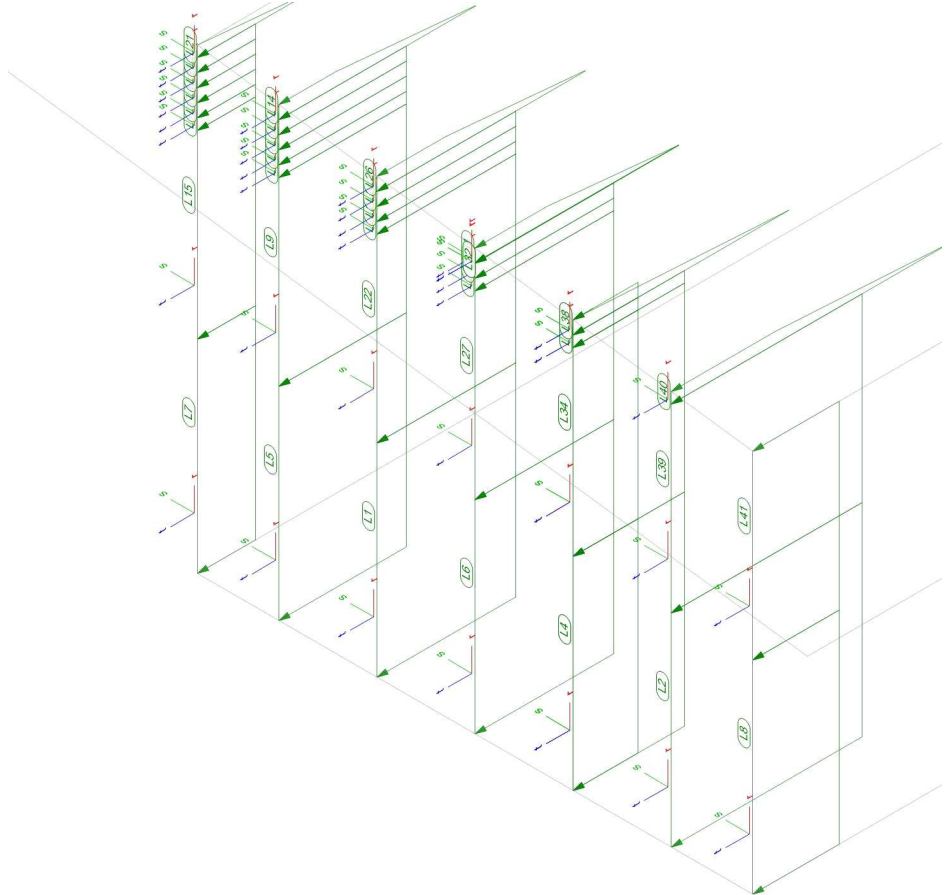
Lastgröße pt = 0.52 kN/m²

r = 6.71 0.00 0.00 6.71 m

s = 7.34 8.24 0.00 0.00 m

Verteilte Lasten

Übersicht der verteilten Lasten



Linienlasten

Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
L1	16.24	-1.77	-0.32	0.92	B
	16.24	-1.77	3.33		
L2	16.24	3.53	-0.32	1.26	A
	16.24	3.53	3.33		
L3	16.24	1.77	-0.32	0.43	B
	16.24	1.77	3.33		
L4	16.24	1.77	-0.32	0.74	A
	16.24	1.77	3.33		
L5	16.24	-3.53	-0.32	0.84	B
	16.24	-3.53	3.33		
L6	16.24	0.00	-0.32	0.92	B
	16.24	0.00	3.33		
L7	16.24	-5.00	-0.32	0.38	B
	16.24	-5.00	3.33		
L8	16.24	5.00	-0.32	0.57	A
	16.24	5.00	3.33		
L9	16.24	-3.53	3.33	0.84	B
	16.24	-3.53	6.58		
L10	16.24	-3.53	6.58	0.84	B
	16.24	-3.53	6.78		
L11	16.24	-3.53	6.78	0.84	B
	16.24	-3.53	7.01		

Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
L12	16.24	-3.53	7.01	0.84	B
	16.24	-3.53	7.25		
L13	16.24	-3.53	7.25	0.84	B
	16.24	-3.53	7.49		
L14	16.24	-3.53	7.49	1.30	B
	16.24	-3.53	7.72	0.38	
L15	16.24	-5.00	3.33	0.38	B
	16.24	-5.00	6.58		
L16	16.24	-5.00	6.58	0.38	B
	16.24	-5.00	6.78		
L17	16.24	-5.00	6.78	0.38	B
	16.24	-5.00	7.01		
L18	16.24	-5.00	7.01	0.38	B
	16.24	-5.00	7.25		
L19	16.24	-5.00	7.25	0.38	B
	16.24	-5.00	7.49		
L20	16.24	-5.00	7.49	0.38	B
	16.24	-5.00	7.72		
L21	16.24	-5.00	7.72	0.76	B
	16.24	-5.00	7.92	0.00	
L22	16.24	-1.77	3.33	0.92	B
	16.24	-1.77	6.58		
L23	16.24	-1.77	6.58	0.92	B
	16.24	-1.77	6.78		
L24	16.24	-1.77	6.78	0.92	B
	16.24	-1.77	7.01		
L25	16.24	-1.77	7.01	0.92	B
	16.24	-1.77	7.25		
L26	16.24	-1.77	7.25	1.38	B
	16.24	-1.77	7.49	0.46	
L27	16.24	0.00	3.33	0.92	B
	16.24	0.00	6.58		
L28	16.24	0.00	6.58	0.92	B
	16.24	0.00	6.78		
L29	16.24	0.00	6.78	0.92	B
	16.24	0.00	7.01		
L30	16.24	0.00	7.01	1.35	B
	16.24	0.00	7.02		
L31	16.24	0.00	7.02	1.35	B
	16.24	0.00	7.25	0.46	
L32	16.24	0.00	7.01	0.05	A
	16.24	0.00	7.02	0.00	
L33	16.24	1.77	3.33	0.43	B
	16.24	1.77	6.58		
L34	16.24	1.77	3.33	0.74	A
	16.24	1.77	6.58		
L35	16.24	1.77	6.58	0.43	B
	16.24	1.77	6.78		
L36	16.24	1.77	6.58	0.74	A
	16.24	1.77	6.78		

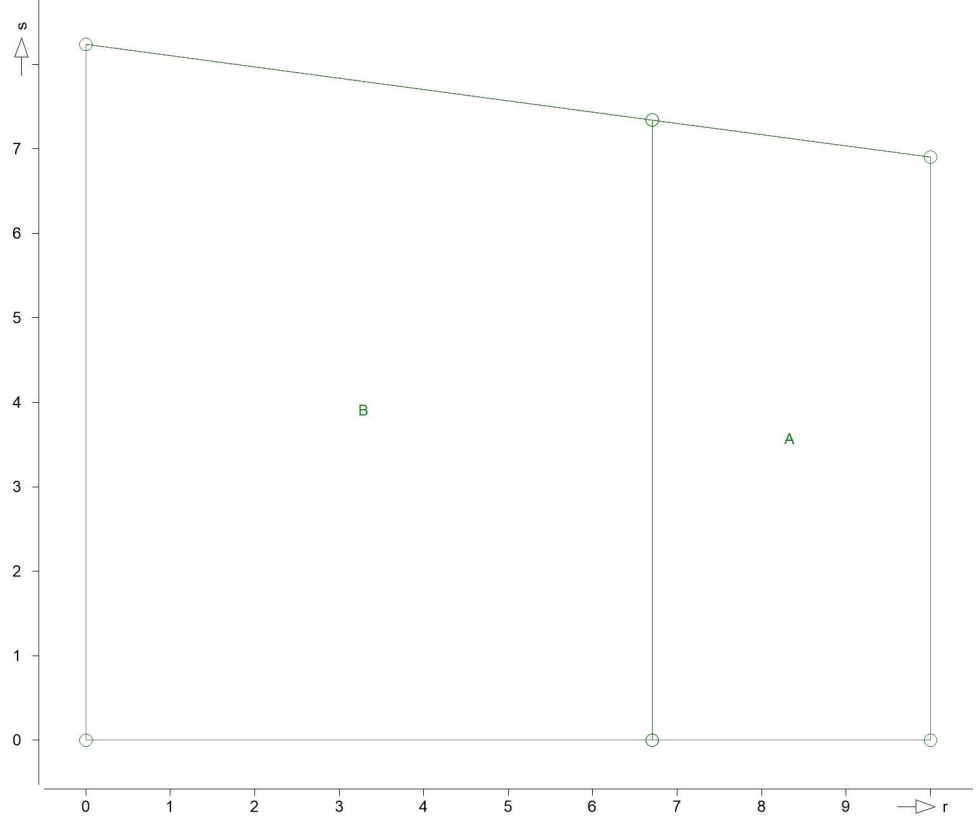
Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
L37	16.24	1.77	6.78	0.43	B
	16.24	1.77	7.01		
L38	16.24	1.77	6.78	1.42	A
	16.24	1.77	7.01	0.05	
L39	16.24	3.53	3.33	1.26	A
	16.24	3.53	6.58		
L40	16.24	3.53	6.58	1.83	A
	16.24	3.53	6.78	0.69	
L41	16.24	5.00	3.33	0.57	A
	16.24	5.00	6.58		

LF: 000-W-R

Windlasten, Anströmrichtung 0°

Lastbereiche

Bereiche der Windbelastung



Bereich A

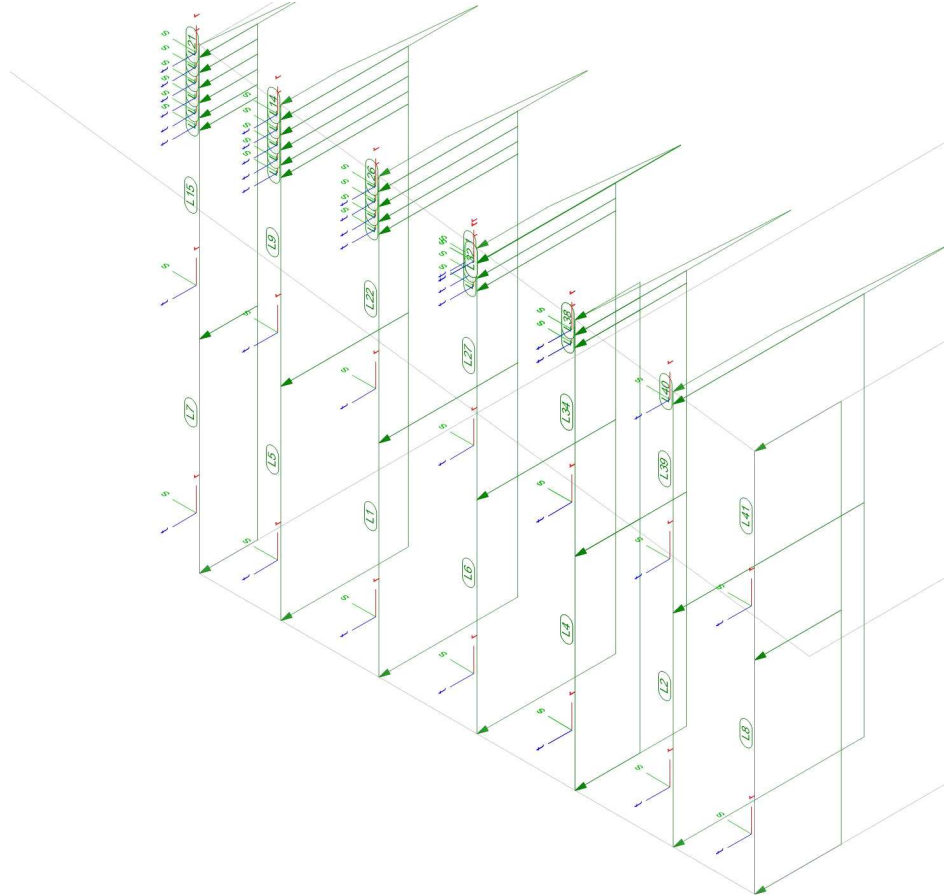
Lastgröße	pt	=	0.78	kN/m ²
r =	10.00	6.71	6.71	10.00 m
s =	6.90	7.34	0.00	0.00 m

Bereich B

Lastgröße	pt	=	0.52	kN/m ²
r =	6.71	0.00	0.00	6.71 m
s =	7.34	8.24	0.00	0.00 m

Verteilte Lasten

Übersicht der verteilten Lasten



Linienlasten

Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
L1	16.24	-1.77	-0.32	0.92	B
	16.24	-1.77	3.33		
L2	16.24	3.53	-0.32	1.26	A
	16.24	3.53	3.33		
L3	16.24	1.77	-0.32	0.43	B
	16.24	1.77	3.33		
L4	16.24	1.77	-0.32	0.74	A
	16.24	1.77	3.33		
L5	16.24	-3.53	-0.32	0.84	B
	16.24	-3.53	3.33		
L6	16.24	0.00	-0.32	0.92	B
	16.24	0.00	3.33		
L7	16.24	-5.00	-0.32	0.38	B
	16.24	-5.00	3.33		
L8	16.24	5.00	-0.32	0.57	A
	16.24	5.00	3.33		
L9	16.24	-3.53	3.33	0.84	B
	16.24	-3.53	6.58		
L10	16.24	-3.53	6.58	0.84	B
	16.24	-3.53	6.78		
L11	16.24	-3.53	6.78	0.84	B
	16.24	-3.53	7.01		

Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
L12	16.24	-3.53	7.01	0.84	B
	16.24	-3.53	7.25		
L13	16.24	-3.53	7.25	0.84	B
	16.24	-3.53	7.49		
L14	16.24	-3.53	7.49	1.30	B
	16.24	-3.53	7.72	0.38	
L15	16.24	-5.00	3.33	0.38	B
	16.24	-5.00	6.58		
L16	16.24	-5.00	6.58	0.38	B
	16.24	-5.00	6.78		
L17	16.24	-5.00	6.78	0.38	B
	16.24	-5.00	7.01		
L18	16.24	-5.00	7.01	0.38	B
	16.24	-5.00	7.25		
L19	16.24	-5.00	7.25	0.38	B
	16.24	-5.00	7.49		
L20	16.24	-5.00	7.49	0.38	B
	16.24	-5.00	7.72		
L21	16.24	-5.00	7.72	0.76	B
	16.24	-5.00	7.92	0.00	
L22	16.24	-1.77	3.33	0.92	B
	16.24	-1.77	6.58		
L23	16.24	-1.77	6.58	0.92	B
	16.24	-1.77	6.78		
L24	16.24	-1.77	6.78	0.92	B
	16.24	-1.77	7.01		
L25	16.24	-1.77	7.01	0.92	B
	16.24	-1.77	7.25		
L26	16.24	-1.77	7.25	1.38	B
	16.24	-1.77	7.49	0.46	
L27	16.24	0.00	3.33	0.92	B
	16.24	0.00	6.58		
L28	16.24	0.00	6.58	0.92	B
	16.24	0.00	6.78		
L29	16.24	0.00	6.78	0.92	B
	16.24	0.00	7.01		
L30	16.24	0.00	7.01	1.35	B
	16.24	0.00	7.02		
L31	16.24	0.00	7.02	1.35	B
	16.24	0.00	7.25	0.46	
L32	16.24	0.00	7.01	0.05	A
	16.24	0.00	7.02	0.00	
L33	16.24	1.77	3.33	0.43	B
	16.24	1.77	6.58		
L34	16.24	1.77	3.33	0.74	A
	16.24	1.77	6.58		
L35	16.24	1.77	6.58	0.43	B
	16.24	1.77	6.78		
L36	16.24	1.77	6.58	0.74	A
	16.24	1.77	6.78		

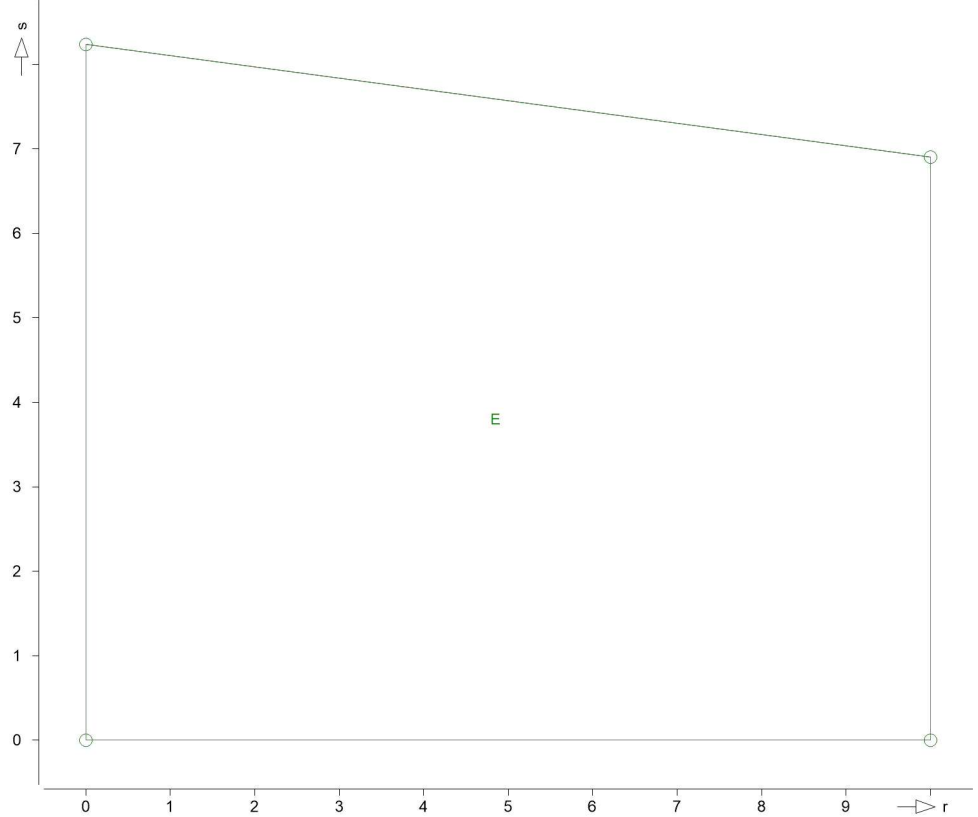
Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
L37	16.24	1.77	6.78	0.43	B
	16.24	1.77	7.01		
L38	16.24	1.77	6.78	1.42	A
	16.24	1.77	7.01	0.05	
L39	16.24	3.53	3.33	1.26	A
	16.24	3.53	6.58		
L40	16.24	3.53	6.58	1.83	A
	16.24	3.53	6.78	0.69	
L41	16.24	5.00	3.33	0.57	A
	16.24	5.00	6.58		

LF: 090-W

Windlasten, Anströmrichtung 90°

Lastbereiche

Bereiche der Windbelastung

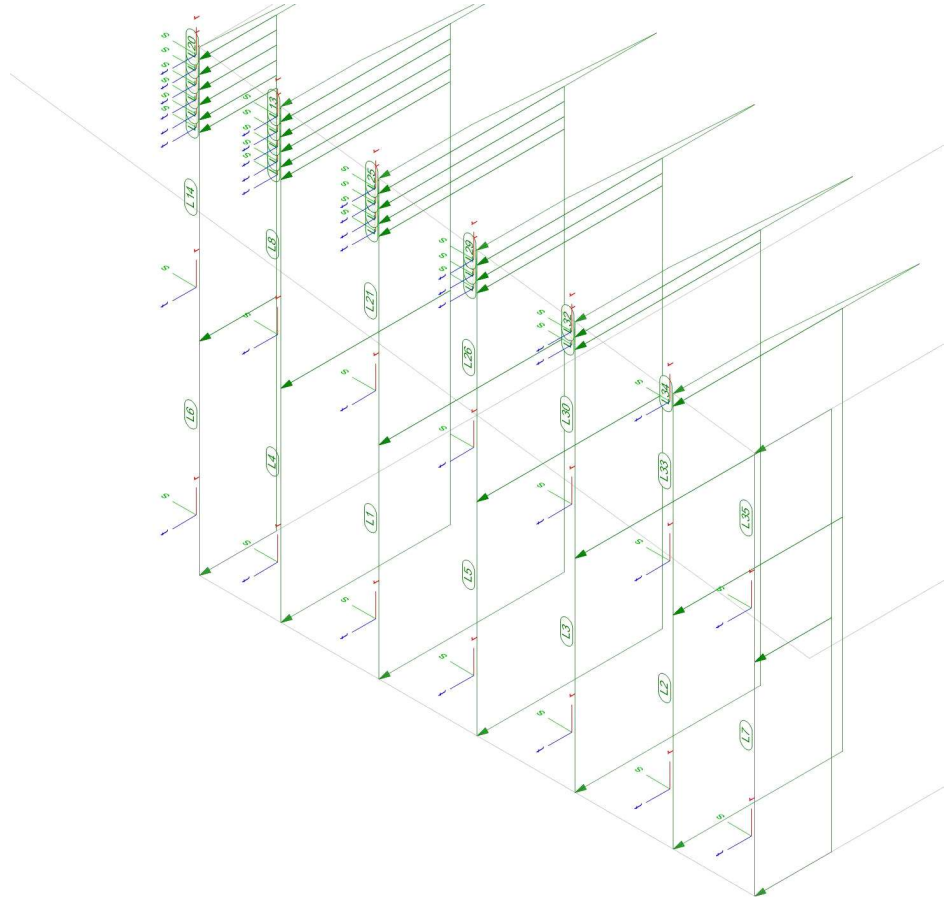


Bereich E

Lastgröße				pt	=	0.20	kN/m ²
r	=	10.00	0.00	0.00	10.00	m	
s	=	6.90	8.24	0.00	0.00	m	

Verteilte Lasten

Übersicht der verteilten Lasten



Linienlasten

Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
L1	16.24	-1.77	-0.32	0.35	E
	16.24	-1.77	3.33		
L2	16.24	3.53	-0.32	0.32	E
	16.24	3.53	3.33		
L3	16.24	1.77	-0.32	0.35	E
	16.24	1.77	3.33		
L4	16.24	-3.53	-0.32	0.32	E
	16.24	-3.53	3.33		
L5	16.24	0.00	-0.32	0.35	E
	16.24	0.00	3.33		
L6	16.24	-5.00	-0.32	0.14	E
	16.24	-5.00	3.33		
L7	16.24	5.00	-0.32	0.14	E
	16.24	5.00	3.33		
L8	16.24	-3.53	3.33	0.32	E
	16.24	-3.53	6.58		
L9	16.24	-3.53	6.58	0.32	E
	16.24	-3.53	6.78		
L10	16.24	-3.53	6.78	0.32	E
	16.24	-3.53	7.01		
L11	16.24	-3.53	7.01	0.32	E
	16.24	-3.53	7.25		

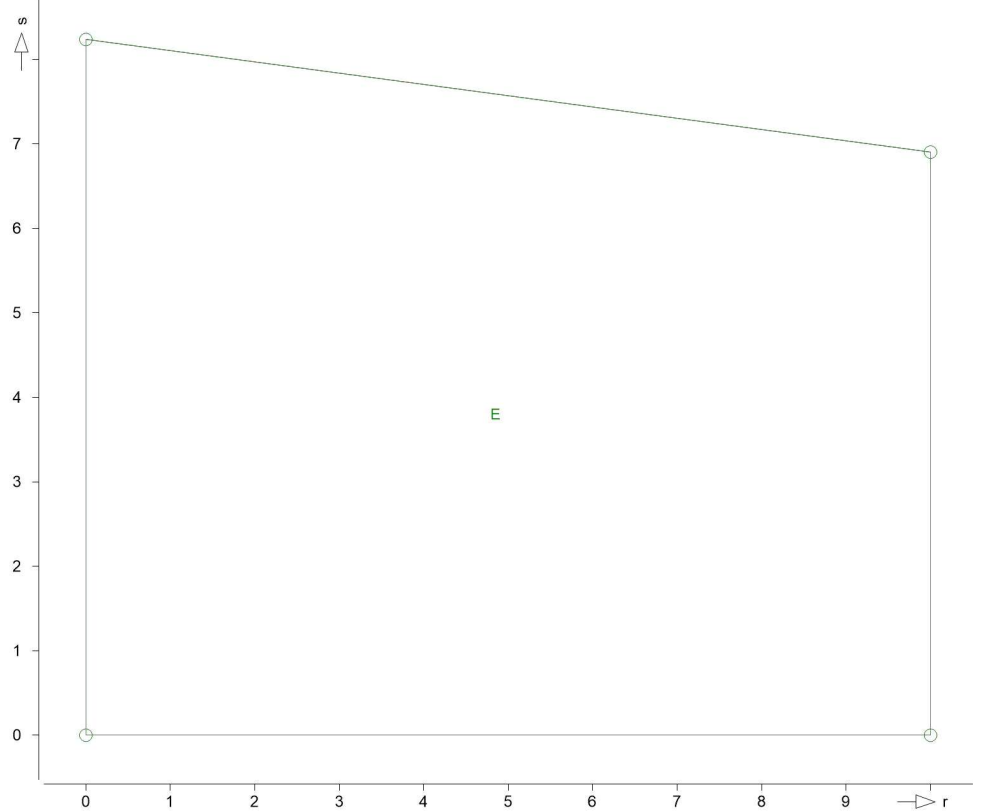
Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
L12	16.24	-3.53	7.25	0.32	E
	16.24	-3.53	7.49		
L13	16.24	-3.53	7.49	0.49	E
	16.24	-3.53	7.72	0.14	
L14	16.24	-5.00	3.33	0.14	E
	16.24	-5.00	6.58		
L15	16.24	-5.00	6.58	0.14	E
	16.24	-5.00	6.78		
L16	16.24	-5.00	6.78	0.14	E
	16.24	-5.00	7.01		
L17	16.24	-5.00	7.01	0.14	E
	16.24	-5.00	7.25		
L18	16.24	-5.00	7.25	0.14	E
	16.24	-5.00	7.49		
L19	16.24	-5.00	7.49	0.14	E
	16.24	-5.00	7.72		
L20	16.24	-5.00	7.72	0.29	E
	16.24	-5.00	7.92	0.00	
L21	16.24	-1.77	3.33	0.35	E
	16.24	-1.77	6.58		
L22	16.24	-1.77	6.58	0.35	E
	16.24	-1.77	6.78		
L23	16.24	-1.77	6.78	0.35	E
	16.24	-1.77	7.01		
L24	16.24	-1.77	7.01	0.35	E
	16.24	-1.77	7.25		
L25	16.24	-1.77	7.25	0.52	E
	16.24	-1.77	7.49	0.17	
L26	16.24	0.00	3.33	0.35	E
	16.24	0.00	6.58		
L27	16.24	0.00	6.58	0.35	E
	16.24	0.00	6.78		
L28	16.24	0.00	6.78	0.35	E
	16.24	0.00	7.01		
L29	16.24	0.00	7.01	0.52	E
	16.24	0.00	7.25	0.17	
L30	16.24	1.77	3.33	0.35	E
	16.24	1.77	6.58		
L31	16.24	1.77	6.58	0.35	E
	16.24	1.77	6.78		
L32	16.24	1.77	6.78	0.52	E
	16.24	1.77	7.01	0.17	
L33	16.24	3.53	3.33	0.32	E
	16.24	3.53	6.58		
L34	16.24	3.53	6.58	0.46	E
	16.24	3.53	6.78	0.17	
L35	16.24	5.00	3.33	0.14	E
	16.24	5.00	6.58		

LF: 090-W-L

Windlasten, Anströmrichtung 90°

Lastbereiche

Bereiche der Windbelastung

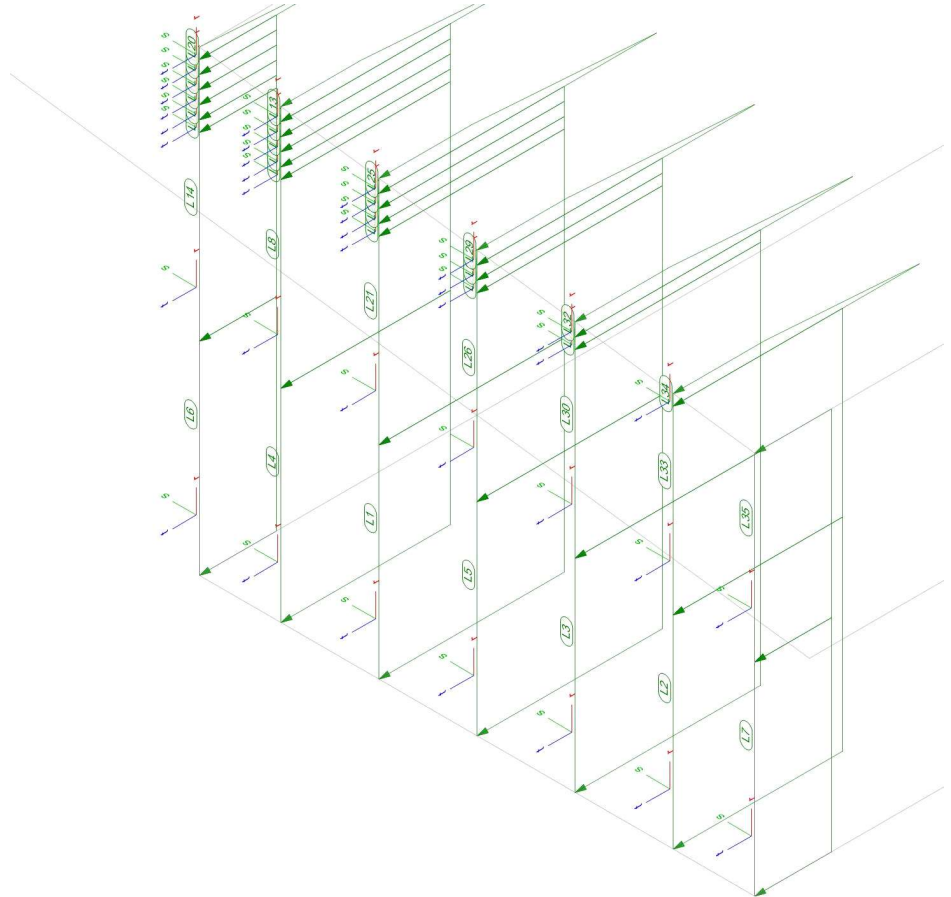


Bereich E

Lastgröße				pt	=	0.20	kN/m ²
r	=	10.00	0.00	0.00	10.00	m	
s	=	6.90	8.24	0.00	0.00	m	

Verteilte Lasten

Übersicht der verteilten Lasten



Linienlasten

Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
L1	16.24	-1.77	-0.32	0.35	E
	16.24	-1.77	3.33		
L2	16.24	3.53	-0.32	0.32	E
	16.24	3.53	3.33		
L3	16.24	1.77	-0.32	0.35	E
	16.24	1.77	3.33		
L4	16.24	-3.53	-0.32	0.32	E
	16.24	-3.53	3.33		
L5	16.24	0.00	-0.32	0.35	E
	16.24	0.00	3.33		
L6	16.24	-5.00	-0.32	0.14	E
	16.24	-5.00	3.33		
L7	16.24	5.00	-0.32	0.14	E
	16.24	5.00	3.33		
L8	16.24	-3.53	3.33	0.32	E
	16.24	-3.53	6.58		
L9	16.24	-3.53	6.58	0.32	E
	16.24	-3.53	6.78		
L10	16.24	-3.53	6.78	0.32	E
	16.24	-3.53	7.01		
L11	16.24	-3.53	7.01	0.32	E
	16.24	-3.53	7.25		

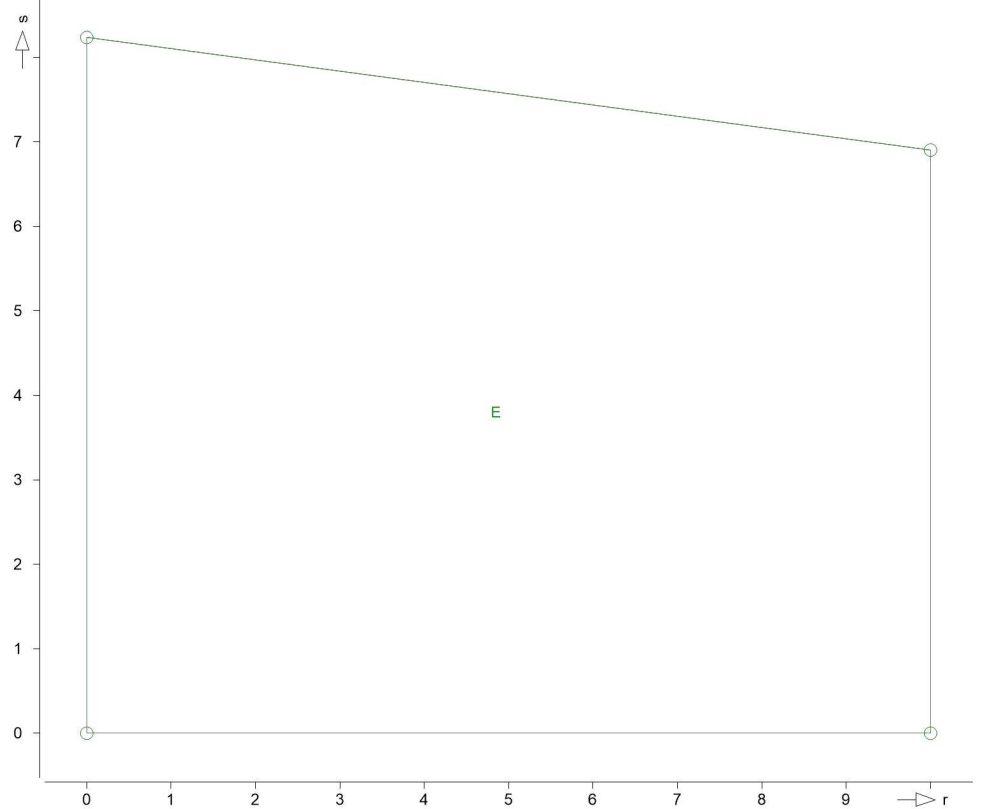
Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
L12	16.24	-3.53	7.25	0.32	E
	16.24	-3.53	7.49		
L13	16.24	-3.53	7.49	0.49	E
	16.24	-3.53	7.72	0.14	
L14	16.24	-5.00	3.33	0.14	E
	16.24	-5.00	6.58		
L15	16.24	-5.00	6.58	0.14	E
	16.24	-5.00	6.78		
L16	16.24	-5.00	6.78	0.14	E
	16.24	-5.00	7.01		
L17	16.24	-5.00	7.01	0.14	E
	16.24	-5.00	7.25		
L18	16.24	-5.00	7.25	0.14	E
	16.24	-5.00	7.49		
L19	16.24	-5.00	7.49	0.14	E
	16.24	-5.00	7.72		
L20	16.24	-5.00	7.72	0.29	E
	16.24	-5.00	7.92	0.00	
L21	16.24	-1.77	3.33	0.35	E
	16.24	-1.77	6.58		
L22	16.24	-1.77	6.58	0.35	E
	16.24	-1.77	6.78		
L23	16.24	-1.77	6.78	0.35	E
	16.24	-1.77	7.01		
L24	16.24	-1.77	7.01	0.35	E
	16.24	-1.77	7.25		
L25	16.24	-1.77	7.25	0.52	E
	16.24	-1.77	7.49	0.17	
L26	16.24	0.00	3.33	0.35	E
	16.24	0.00	6.58		
L27	16.24	0.00	6.58	0.35	E
	16.24	0.00	6.78		
L28	16.24	0.00	6.78	0.35	E
	16.24	0.00	7.01		
L29	16.24	0.00	7.01	0.52	E
	16.24	0.00	7.25	0.17	
L30	16.24	1.77	3.33	0.35	E
	16.24	1.77	6.58		
L31	16.24	1.77	6.58	0.35	E
	16.24	1.77	6.78		
L32	16.24	1.77	6.78	0.52	E
	16.24	1.77	7.01	0.17	
L33	16.24	3.53	3.33	0.32	E
	16.24	3.53	6.58		
L34	16.24	3.53	6.58	0.46	E
	16.24	3.53	6.78	0.17	
L35	16.24	5.00	3.33	0.14	E
	16.24	5.00	6.58		

LF: 090-W-R

Windlasten, Anströmrichtung 90°

Lastbereiche

Bereiche der Windbelastung

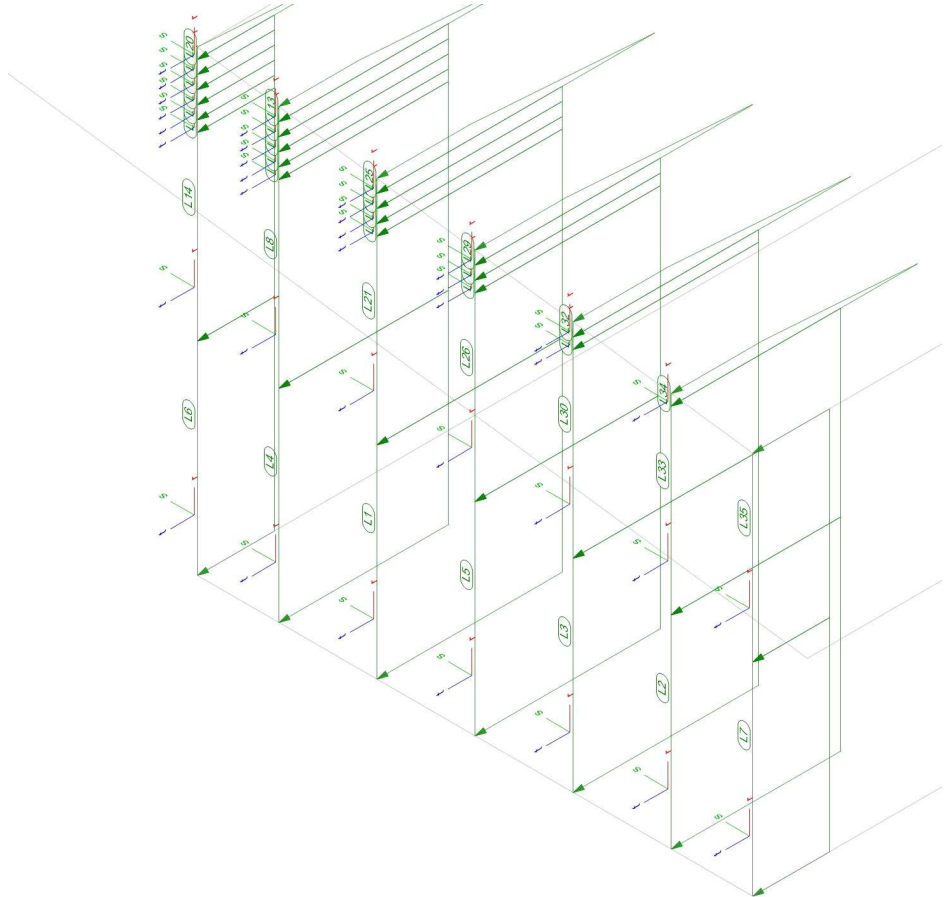


Bereich E

Lastgröße				pt	=	0.20	kN/m ²
r	=	10.00	0.00	0.00	10.00	m	
s	=	6.90	8.24	0.00	0.00	m	

Verteilte Lasten

Übersicht der verteilten Lasten



Linienlasten

Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
L1	16.24	-1.77	-0.32	0.35	E
	16.24	-1.77	3.33		
L2	16.24	3.53	-0.32	0.32	E
	16.24	3.53	3.33		
L3	16.24	1.77	-0.32	0.35	E
	16.24	1.77	3.33		
L4	16.24	-3.53	-0.32	0.32	E
	16.24	-3.53	3.33		
L5	16.24	0.00	-0.32	0.35	E
	16.24	0.00	3.33		
L6	16.24	-5.00	-0.32	0.14	E
	16.24	-5.00	3.33		
L7	16.24	5.00	-0.32	0.14	E
	16.24	5.00	3.33		
L8	16.24	-3.53	3.33	0.32	E
	16.24	-3.53	6.58		
L9	16.24	-3.53	6.58	0.32	E
	16.24	-3.53	6.78		
L10	16.24	-3.53	6.78	0.32	E
	16.24	-3.53	7.01		
L11	16.24	-3.53	7.01	0.32	E
	16.24	-3.53	7.25		

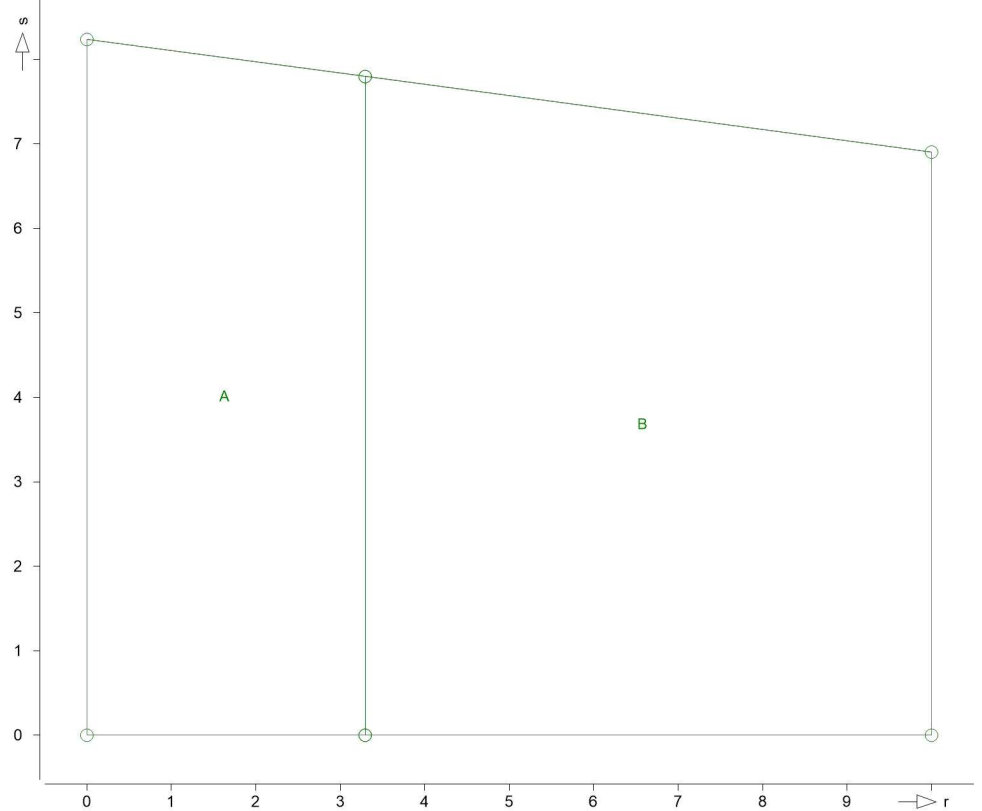
Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
L12	16.24	-3.53	7.25	0.32	E
	16.24	-3.53	7.49		
L13	16.24	-3.53	7.49	0.49	E
	16.24	-3.53	7.72	0.14	
L14	16.24	-5.00	3.33	0.14	E
	16.24	-5.00	6.58		
L15	16.24	-5.00	6.58	0.14	E
	16.24	-5.00	6.78		
L16	16.24	-5.00	6.78	0.14	E
	16.24	-5.00	7.01		
L17	16.24	-5.00	7.01	0.14	E
	16.24	-5.00	7.25		
L18	16.24	-5.00	7.25	0.14	E
	16.24	-5.00	7.49		
L19	16.24	-5.00	7.49	0.14	E
	16.24	-5.00	7.72		
L20	16.24	-5.00	7.72	0.29	E
	16.24	-5.00	7.92	0.00	
L21	16.24	-1.77	3.33	0.35	E
	16.24	-1.77	6.58		
L22	16.24	-1.77	6.58	0.35	E
	16.24	-1.77	6.78		
L23	16.24	-1.77	6.78	0.35	E
	16.24	-1.77	7.01		
L24	16.24	-1.77	7.01	0.35	E
	16.24	-1.77	7.25		
L25	16.24	-1.77	7.25	0.52	E
	16.24	-1.77	7.49	0.17	
L26	16.24	0.00	3.33	0.35	E
	16.24	0.00	6.58		
L27	16.24	0.00	6.58	0.35	E
	16.24	0.00	6.78		
L28	16.24	0.00	6.78	0.35	E
	16.24	0.00	7.01		
L29	16.24	0.00	7.01	0.52	E
	16.24	0.00	7.25	0.17	
L30	16.24	1.77	3.33	0.35	E
	16.24	1.77	6.58		
L31	16.24	1.77	6.58	0.35	E
	16.24	1.77	6.78		
L32	16.24	1.77	6.78	0.52	E
	16.24	1.77	7.01	0.17	
L33	16.24	3.53	3.33	0.32	E
	16.24	3.53	6.58		
L34	16.24	3.53	6.58	0.46	E
	16.24	3.53	6.78	0.17	
L35	16.24	5.00	3.33	0.14	E
	16.24	5.00	6.58		

LF: 180-W

Windlasten, Anströmrichtung 180°

Lastbereiche

Bereiche der Windbelastung



Bereich A

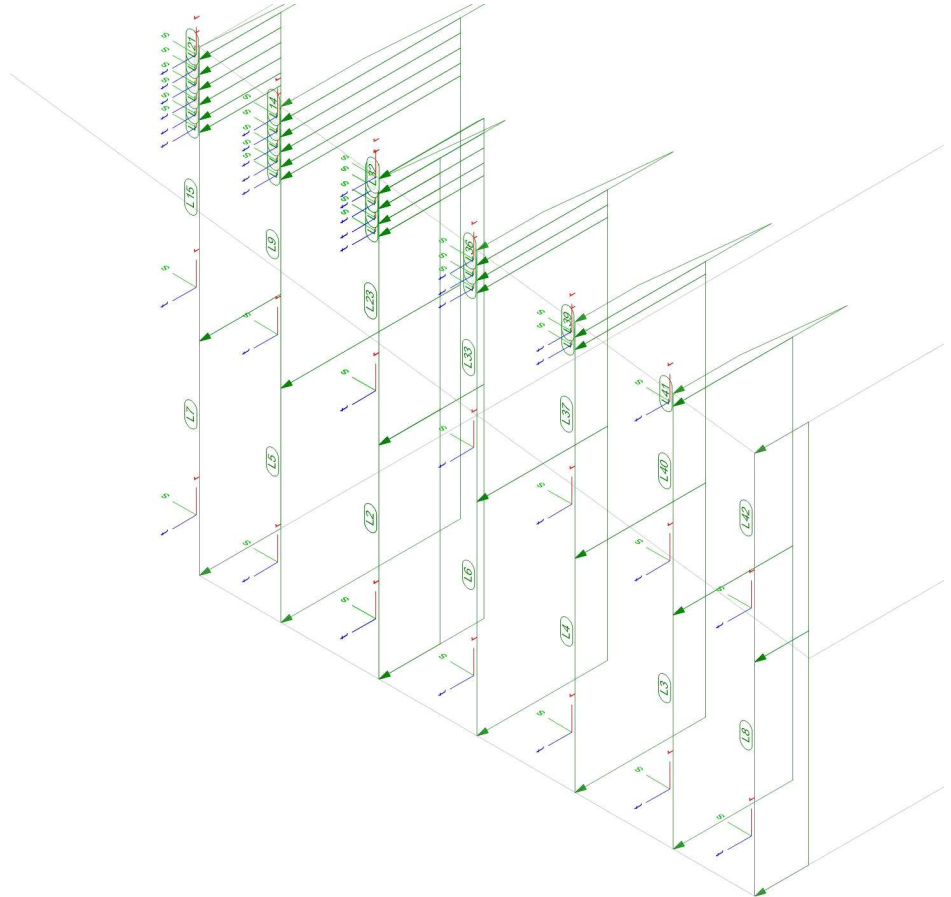
Lastgröße				pt	=	0.78	kN/m ²
r	=	3.29	0.00	0.00	3.29	m	
s	=	7.80	8.24	0.00	0.00	m	

Bereich B

Lastgröße				pt	=	0.52	kN/m ²
r	=	10.00	3.29	3.29	10.00	m	
s	=	6.90	7.80	0.00	0.00	m	

Verteilte Lasten

Übersicht der verteilten Lasten



Linienlasten

Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
L1	16.24	-1.77	-0.32	0.43	B
L2	16.24	-1.77	3.33	0.74	A
L3	16.24	3.53	-0.32	0.84	B
L4	16.24	1.77	-0.32	0.92	B
L5	16.24	-3.53	-0.32	1.26	A
L6	16.24	0.00	-0.32	0.92	B
L7	16.24	-5.00	-0.32	0.57	A
L8	16.24	5.00	-0.32	0.38	B
L9	16.24	-3.53	3.33	1.26	A
L10	16.24	-3.53	6.58	1.26	A
L11	16.24	-3.53	6.78	1.26	A
	16.24	-3.53	7.01		

Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
L12	16.24	-3.53	7.01	1.26	A
	16.24	-3.53	7.25		
L13	16.24	-3.53	7.25	1.26	A
	16.24	-3.53	7.49		
L14	16.24	-3.53	7.49	1.95	A
	16.24	-3.53	7.72	0.57	
L15	16.24	-5.00	3.33	0.57	A
	16.24	-5.00	6.58		
L16	16.24	-5.00	6.58	0.57	A
	16.24	-5.00	6.78		
L17	16.24	-5.00	6.78	0.57	A
	16.24	-5.00	7.01		
L18	16.24	-5.00	7.01	0.57	A
	16.24	-5.00	7.25		
L19	16.24	-5.00	7.25	0.57	A
	16.24	-5.00	7.49		
L20	16.24	-5.00	7.49	0.57	A
	16.24	-5.00	7.72		
L21	16.24	-5.00	7.72	1.15	A
	16.24	-5.00	7.92	0.00	
L22	16.24	-1.77	3.33	0.43	B
	16.24	-1.77	6.58		
L23	16.24	-1.77	3.33	0.74	A
	16.24	-1.77	6.58		
L24	16.24	-1.77	6.58	0.43	B
	16.24	-1.77	6.78		
L25	16.24	-1.77	6.58	0.74	A
	16.24	-1.77	6.78		
L26	16.24	-1.77	6.78	0.43	B
	16.24	-1.77	7.01		
L27	16.24	-1.77	6.78	0.74	A
	16.24	-1.77	7.01		
L28	16.24	-1.77	7.01	0.43	B
	16.24	-1.77	7.25		
L29	16.24	-1.77	7.01	0.74	A
	16.24	-1.77	7.25		
L30	16.24	-1.77	7.25	0.89	B
	16.24	-1.77	7.48	0.00	
L31	16.24	-1.77	7.25	0.74	A
	16.24	-1.77	7.48		
L32	16.24	-1.77	7.48	0.74	A
	16.24	-1.77	7.49	0.69	
L33	16.24	0.00	3.33	0.92	B
	16.24	0.00	6.58		
L34	16.24	0.00	6.58	0.92	B
	16.24	0.00	6.78		
L35	16.24	0.00	6.78	0.92	B
	16.24	0.00	7.01		
L36	16.24	0.00	7.01	1.38	B
	16.24	0.00	7.25	0.46	

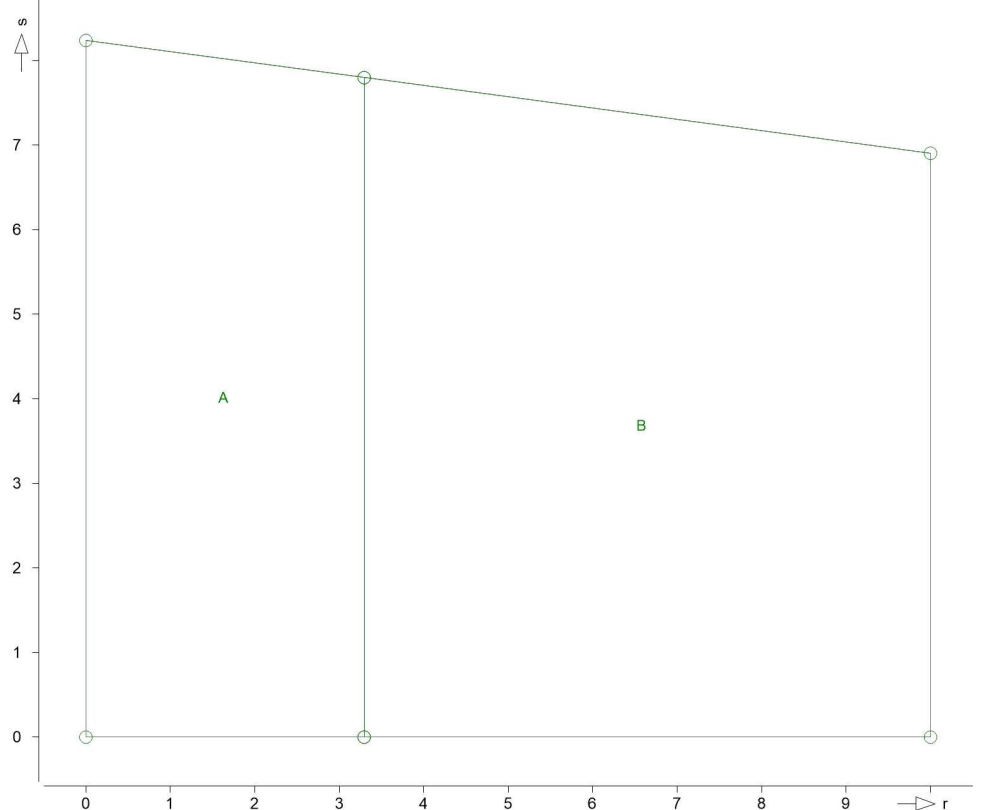
Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
L37	16.24	1.77	3.33	0.92	B
	16.24	1.77	6.58		
L38	16.24	1.77	6.58	0.92	B
	16.24	1.77	6.78		
L39	16.24	1.77	6.78	1.38	B
	16.24	1.77	7.01	0.46	
L40	16.24	3.53	3.33	0.84	B
	16.24	3.53	6.58		
L41	16.24	3.53	6.58	1.22	B
	16.24	3.53	6.78	0.46	
L42	16.24	5.00	3.33	0.38	B
	16.24	5.00	6.58		

LF: 180-W-L

Windlasten, Anströmrichtung 180°

Lastbereiche

Bereiche der Windbelastung



Bereich A

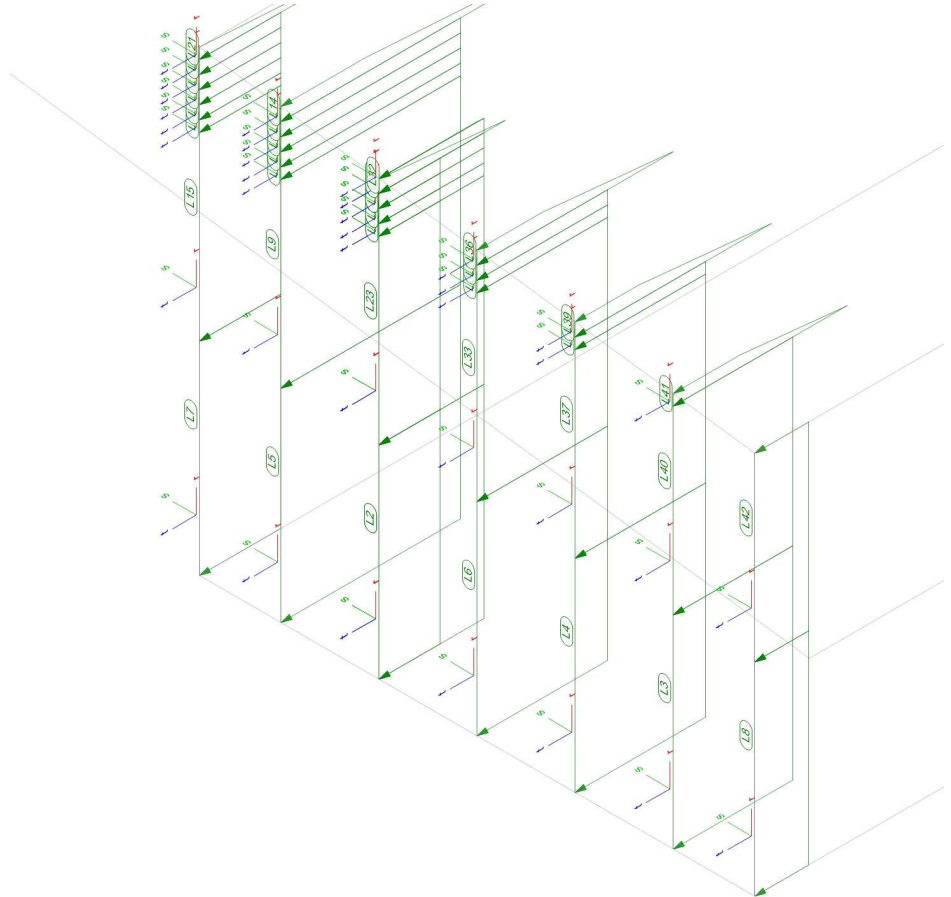
Lastgröße	pt	=	0.78	kN/m ²
r =	3.29	0.00	0.00	3.29 m
s =	7.80	8.24	0.00	0.00 m

Bereich B

Lastgröße	pt	=	0.52	kN/m ²
r =	10.00	3.29	3.29	10.00 m
s =	6.90	7.80	0.00	0.00 m

Verteilte Lasten

Übersicht der verteilten Lasten



Linienlasten

Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
L1	16.24	-1.77	-0.32	0.43	B
L2	16.24	-1.77	3.33	0.74	A
L3	16.24	3.53	-0.32	0.84	B
L4	16.24	1.77	-0.32	0.92	B
L5	16.24	-3.53	-0.32	1.26	A
L6	16.24	0.00	-0.32	0.92	B
L7	16.24	-5.00	-0.32	0.57	A
L8	16.24	5.00	-0.32	0.38	B
L9	16.24	-3.53	3.33	1.26	A
L10	16.24	-3.53	6.58	1.26	A
L11	16.24	-3.53	6.78	1.26	A
	16.24	-3.53	7.01		

Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
L12	16.24	-3.53	7.01	1.26	A
	16.24	-3.53	7.25		
L13	16.24	-3.53	7.25	1.26	A
	16.24	-3.53	7.49		
L14	16.24	-3.53	7.49	1.95	A
	16.24	-3.53	7.72	0.57	
L15	16.24	-5.00	3.33	0.57	A
	16.24	-5.00	6.58		
L16	16.24	-5.00	6.58	0.57	A
	16.24	-5.00	6.78		
L17	16.24	-5.00	6.78	0.57	A
	16.24	-5.00	7.01		
L18	16.24	-5.00	7.01	0.57	A
	16.24	-5.00	7.25		
L19	16.24	-5.00	7.25	0.57	A
	16.24	-5.00	7.49		
L20	16.24	-5.00	7.49	0.57	A
	16.24	-5.00	7.72		
L21	16.24	-5.00	7.72	1.15	A
	16.24	-5.00	7.92	0.00	
L22	16.24	-1.77	3.33	0.43	B
	16.24	-1.77	6.58		
L23	16.24	-1.77	3.33	0.74	A
	16.24	-1.77	6.58		
L24	16.24	-1.77	6.58	0.43	B
	16.24	-1.77	6.78		
L25	16.24	-1.77	6.58	0.74	A
	16.24	-1.77	6.78		
L26	16.24	-1.77	6.78	0.43	B
	16.24	-1.77	7.01		
L27	16.24	-1.77	6.78	0.74	A
	16.24	-1.77	7.01		
L28	16.24	-1.77	7.01	0.43	B
	16.24	-1.77	7.25		
L29	16.24	-1.77	7.01	0.74	A
	16.24	-1.77	7.25		
L30	16.24	-1.77	7.25	0.89	B
	16.24	-1.77	7.48	0.00	
L31	16.24	-1.77	7.25	0.74	A
	16.24	-1.77	7.48		
L32	16.24	-1.77	7.48	0.74	A
	16.24	-1.77	7.49	0.69	
L33	16.24	0.00	3.33	0.92	B
	16.24	0.00	6.58		
L34	16.24	0.00	6.58	0.92	B
	16.24	0.00	6.78		
L35	16.24	0.00	6.78	0.92	B
	16.24	0.00	7.01		
L36	16.24	0.00	7.01	1.38	B
	16.24	0.00	7.25	0.46	

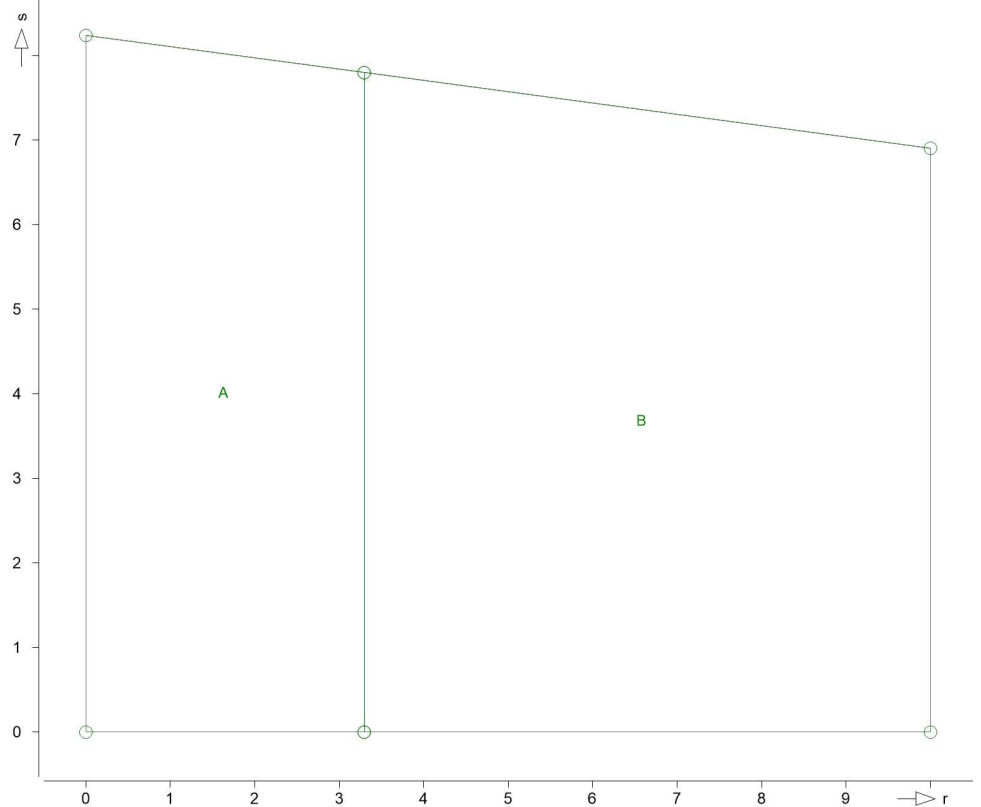
Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
L37	16.24	1.77	3.33	0.92	B
	16.24	1.77	6.58		
L38	16.24	1.77	6.58	0.92	B
	16.24	1.77	6.78		
L39	16.24	1.77	6.78	1.38	B
	16.24	1.77	7.01	0.46	
L40	16.24	3.53	3.33	0.84	B
	16.24	3.53	6.58		
L41	16.24	3.53	6.58	1.22	B
	16.24	3.53	6.78	0.46	
L42	16.24	5.00	3.33	0.38	B
	16.24	5.00	6.58		

LF: 180-W-R

Windlasten, Anströmrichtung 180°

Lastbereiche

Bereiche der Windbelastung



Bereich A

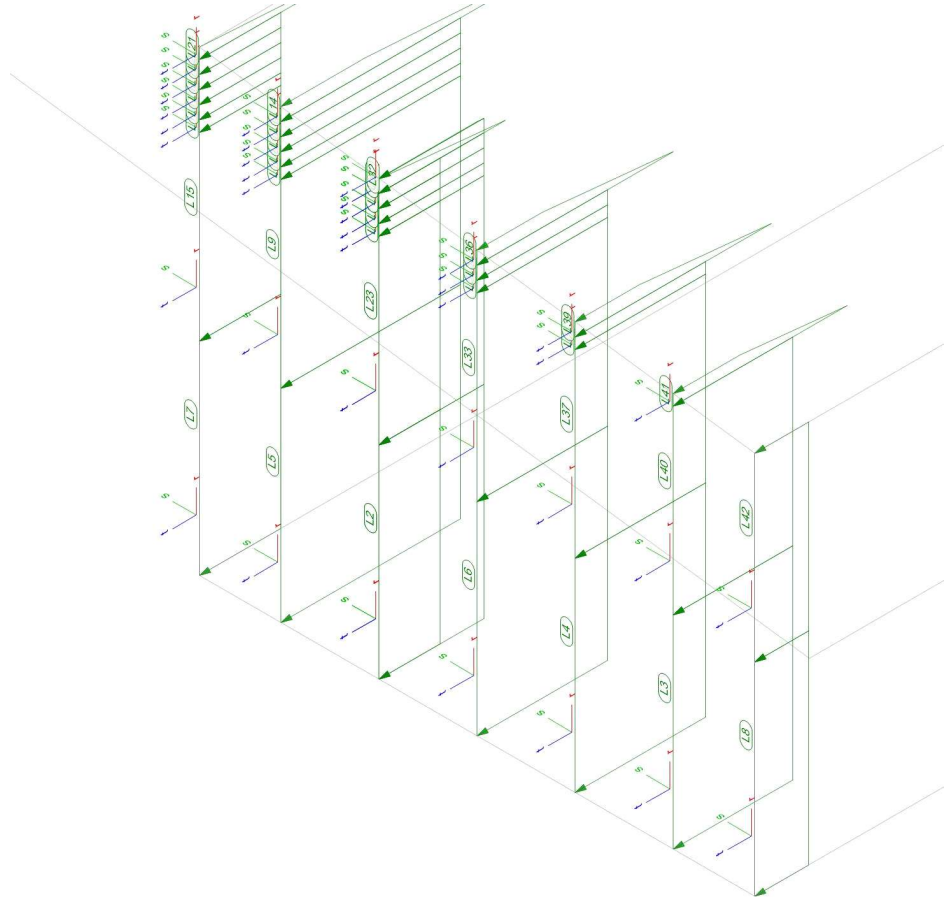
Lastgröße	pt	=	0.78	kN/m ²
r =	3.29	0.00	0.00	3.29 m
s =	7.80	8.24	0.00	0.00 m

Bereich B

Lastgröße	pt	=	0.52	kN/m ²
r =	10.00	3.29	3.29	10.00 m
s =	6.90	7.80	0.00	0.00 m

Verteilte Lasten

Übersicht der verteilten Lasten



Linienlasten

Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
L1	16.24	-1.77	-0.32	0.43	B
L2	16.24	-1.77	3.33	0.74	A
L3	16.24	3.53	-0.32	0.84	B
L4	16.24	1.77	-0.32	0.92	B
L5	16.24	-3.53	-0.32	1.26	A
L6	16.24	0.00	-0.32	0.92	B
L7	16.24	-5.00	-0.32	0.57	A
L8	16.24	5.00	-0.32	0.38	B
L9	16.24	-3.53	3.33	1.26	A
L10	16.24	-3.53	6.58	1.26	A
L11	16.24	-3.53	6.78	1.26	A
	16.24	-3.53	7.01		

Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
L12	16.24	-3.53	7.01	1.26	A
	16.24	-3.53	7.25		
L13	16.24	-3.53	7.25	1.26	A
	16.24	-3.53	7.49		
L14	16.24	-3.53	7.49	1.95	A
	16.24	-3.53	7.72	0.57	
L15	16.24	-5.00	3.33	0.57	A
	16.24	-5.00	6.58		
L16	16.24	-5.00	6.58	0.57	A
	16.24	-5.00	6.78		
L17	16.24	-5.00	6.78	0.57	A
	16.24	-5.00	7.01		
L18	16.24	-5.00	7.01	0.57	A
	16.24	-5.00	7.25		
L19	16.24	-5.00	7.25	0.57	A
	16.24	-5.00	7.49		
L20	16.24	-5.00	7.49	0.57	A
	16.24	-5.00	7.72		
L21	16.24	-5.00	7.72	1.15	A
	16.24	-5.00	7.92	0.00	
L22	16.24	-1.77	3.33	0.43	B
	16.24	-1.77	6.58		
L23	16.24	-1.77	3.33	0.74	A
	16.24	-1.77	6.58		
L24	16.24	-1.77	6.58	0.43	B
	16.24	-1.77	6.78		
L25	16.24	-1.77	6.58	0.74	A
	16.24	-1.77	6.78		
L26	16.24	-1.77	6.78	0.43	B
	16.24	-1.77	7.01		
L27	16.24	-1.77	6.78	0.74	A
	16.24	-1.77	7.01		
L28	16.24	-1.77	7.01	0.43	B
	16.24	-1.77	7.25		
L29	16.24	-1.77	7.01	0.74	A
	16.24	-1.77	7.25		
L30	16.24	-1.77	7.25	0.89	B
	16.24	-1.77	7.48	0.00	
L31	16.24	-1.77	7.25	0.74	A
	16.24	-1.77	7.48		
L32	16.24	-1.77	7.48	0.74	A
	16.24	-1.77	7.49	0.69	
L33	16.24	0.00	3.33	0.92	B
	16.24	0.00	6.58		
L34	16.24	0.00	6.58	0.92	B
	16.24	0.00	6.78		
L35	16.24	0.00	6.78	0.92	B
	16.24	0.00	7.01		
L36	16.24	0.00	7.01	1.38	B
	16.24	0.00	7.25	0.46	

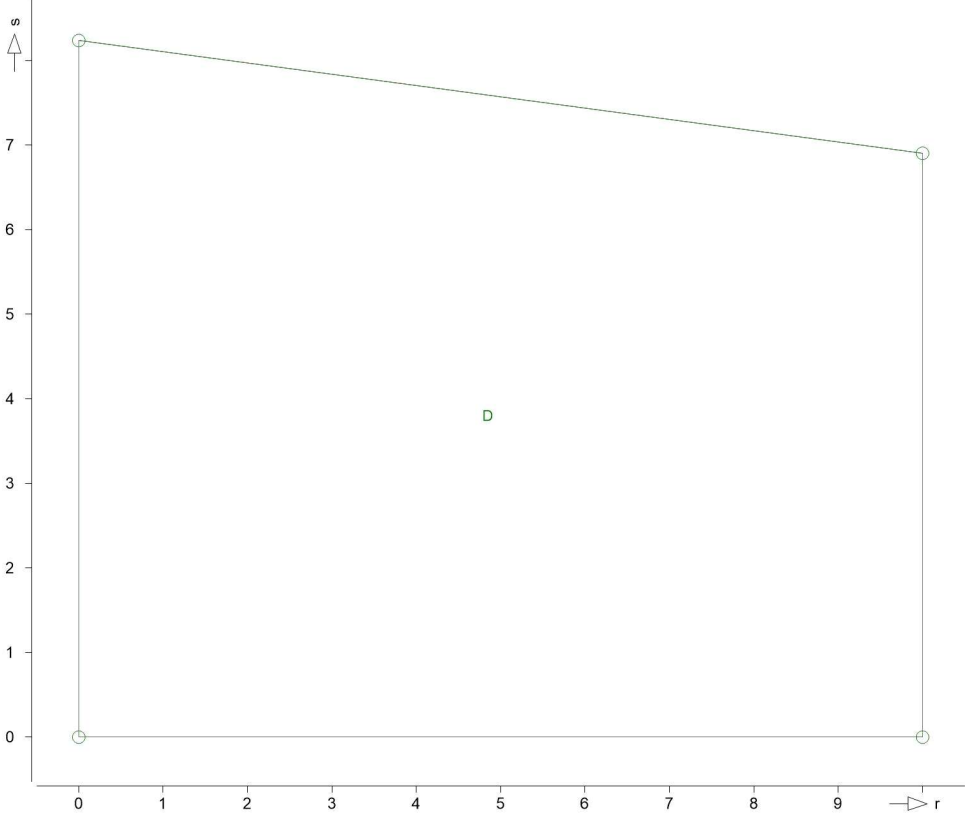
Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
L37	16.24	1.77	3.33	0.92	B
	16.24	1.77	6.58		
L38	16.24	1.77	6.58	0.92	B
	16.24	1.77	6.78		
L39	16.24	1.77	6.78	1.38	B
	16.24	1.77	7.01	0.46	
L40	16.24	3.53	3.33	0.84	B
	16.24	3.53	6.58		
L41	16.24	3.53	6.58	1.22	B
	16.24	3.53	6.78	0.46	
L42	16.24	5.00	3.33	0.38	B
	16.24	5.00	6.58		

LF: 270-W

Windlasten, Anströmrichtung 270°

Lastbereiche

Bereiche der Windbelastung

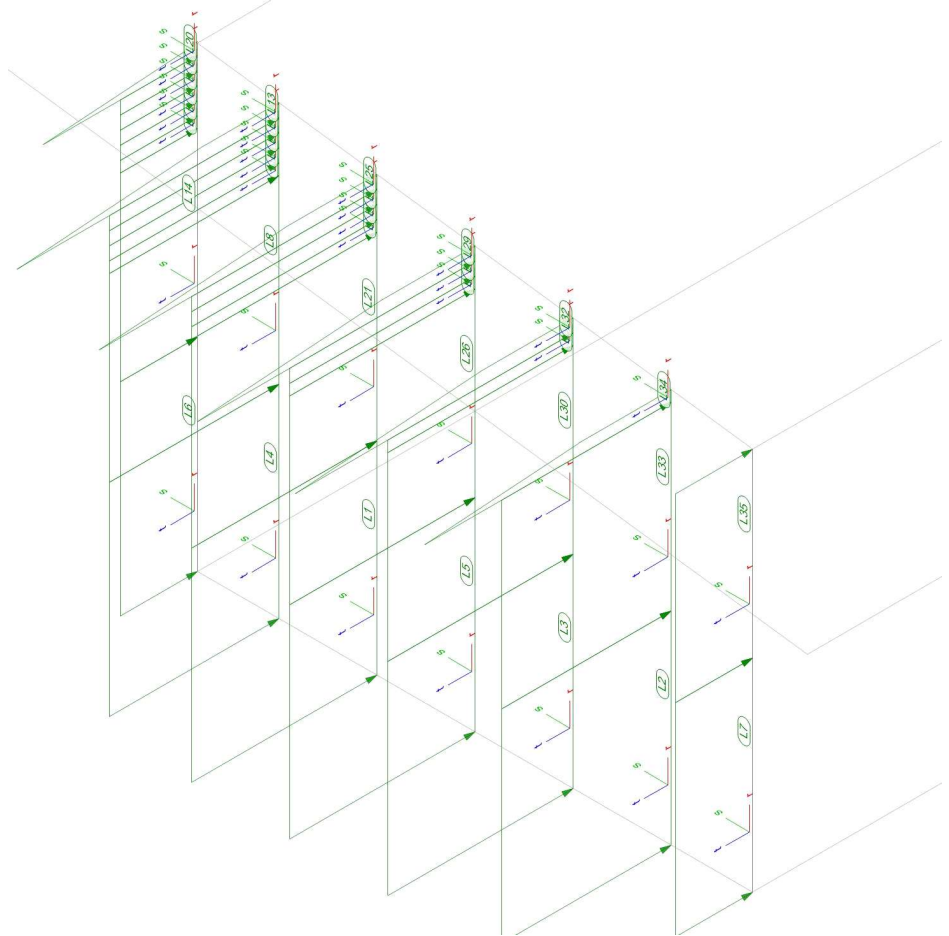


Bereich D

Lastgröße	pt	=	-0.46	kN/m ²
r =	10.00	0.00	0.00	10.00 m
s =	6.90	8.24	0.00	0.00 m

Verteilte Lasten

Übersicht der verteilten Lasten



Linienlasten

Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
L1	16.24	-1.77	-0.32	-0.80	D
	16.24	-1.77	3.33		
L2	16.24	3.53	-0.32	-0.74	D
	16.24	3.53	3.33		
L3	16.24	1.77	-0.32	-0.80	D
	16.24	1.77	3.33		
L4	16.24	-3.53	-0.32	-0.74	D
	16.24	-3.53	3.33		
L5	16.24	0.00	-0.32	-0.80	D
	16.24	0.00	3.33		
L6	16.24	-5.00	-0.32	-0.33	D
	16.24	-5.00	3.33		
L7	16.24	5.00	-0.32	-0.33	D
	16.24	5.00	3.33		
L8	16.24	-3.53	3.33	-0.74	D
	16.24	-3.53	6.58		
L9	16.24	-3.53	6.58	-0.74	D
	16.24	-3.53	6.78		
L10	16.24	-3.53	6.78	-0.74	D
	16.24	-3.53	7.01		
L11	16.24	-3.53	7.01	-0.74	D
	16.24	-3.53	7.25		

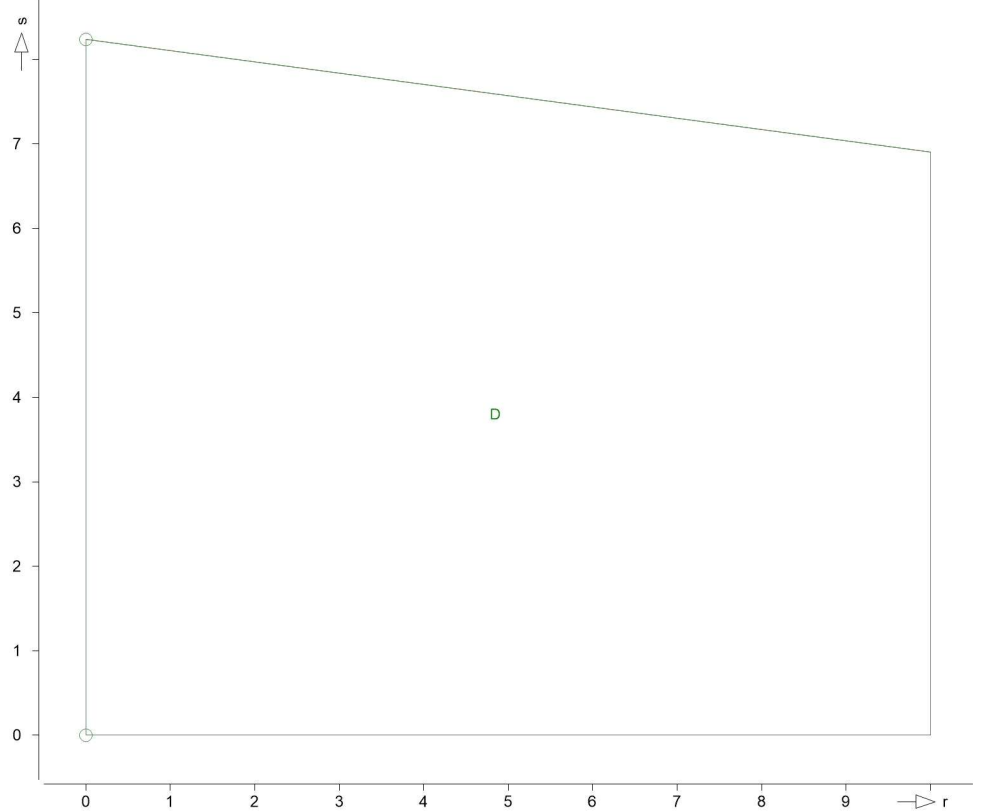
Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
L12	16.24	-3.53	7.25	-0.74	D
	16.24	-3.53	7.49		
L13	16.24	-3.53	7.49	-1.14	D
	16.24	-3.53	7.72	-0.33	
L14	16.24	-5.00	3.33	-0.33	D
	16.24	-5.00	6.58		
L15	16.24	-5.00	6.58	-0.33	D
	16.24	-5.00	6.78		
L16	16.24	-5.00	6.78	-0.33	D
	16.24	-5.00	7.01		
L17	16.24	-5.00	7.01	-0.33	D
	16.24	-5.00	7.25		
L18	16.24	-5.00	7.25	-0.33	D
	16.24	-5.00	7.49		
L19	16.24	-5.00	7.49	-0.33	D
	16.24	-5.00	7.72		
L20	16.24	-5.00	7.72	-0.67	D
	16.24	-5.00	7.92	0.00	
L21	16.24	-1.77	3.33	-0.80	D
	16.24	-1.77	6.58		
L22	16.24	-1.77	6.58	-0.80	D
	16.24	-1.77	6.78		
L23	16.24	-1.77	6.78	-0.80	D
	16.24	-1.77	7.01		
L24	16.24	-1.77	7.01	-0.80	D
	16.24	-1.77	7.25		
L25	16.24	-1.77	7.25	-1.21	D
	16.24	-1.77	7.49	-0.40	
L26	16.24	0.00	3.33	-0.80	D
	16.24	0.00	6.58		
L27	16.24	0.00	6.58	-0.80	D
	16.24	0.00	6.78		
L28	16.24	0.00	6.78	-0.80	D
	16.24	0.00	7.01		
L29	16.24	0.00	7.01	-1.21	D
	16.24	0.00	7.25	-0.40	
L30	16.24	1.77	3.33	-0.80	D
	16.24	1.77	6.58		
L31	16.24	1.77	6.58	-0.80	D
	16.24	1.77	6.78		
L32	16.24	1.77	6.78	-1.21	D
	16.24	1.77	7.01	-0.40	
L33	16.24	3.53	3.33	-0.74	D
	16.24	3.53	6.58		
L34	16.24	3.53	6.58	-1.07	D
	16.24	3.53	6.78	-0.40	
L35	16.24	5.00	3.33	-0.33	D
	16.24	5.00	6.58		

LF: 270-W-L

Windlasten, Anströmrichtung 270°

Lastbereiche

Bereiche der Windbelastung

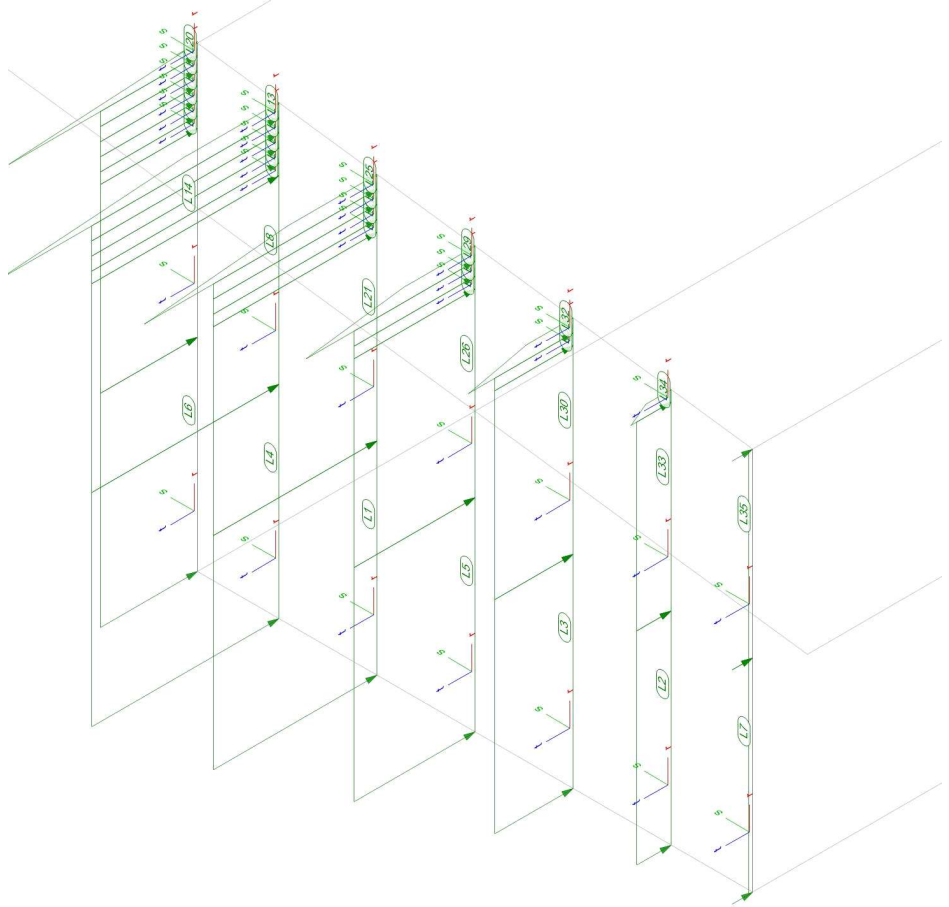


Bereich D

r	=	10.00	0.00	0.00	10.00	m
s	=	6.90	8.24	0.00	0.00	m
pt	=	0.00	-0.46	-0.46	0.00	kN/m ²

Verteilte Lasten

Übersicht der verteilten Lasten



Linienlasten

Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
L1	16.24	-1.77	-0.32	-0.54	D
	16.24	-1.77	3.33		
L2	16.24	3.53	-0.32	-0.11	D
	16.24	3.53	3.33		
L3	16.24	1.77	-0.32	-0.26	D
	16.24	1.77	3.33		
L4	16.24	-3.53	-0.32	-0.62	D
	16.24	-3.53	3.33		
L5	16.24	0.00	-0.32	-0.40	D
	16.24	0.00	3.33		
L6	16.24	-5.00	-0.32	-0.32	D
	16.24	-5.00	3.33		
L7	16.24	5.00	-0.32	-0.01	D
	16.24	5.00	3.33		
L8	16.24	-3.53	3.33	-0.62	D
	16.24	-3.53	6.58		
L9	16.24	-3.53	6.58	-0.62	D
	16.24	-3.53	6.78		
L10	16.24	-3.53	6.78	-0.62	D
	16.24	-3.53	7.01		
L11	16.24	-3.53	7.01	-0.62	D
	16.24	-3.53	7.25		

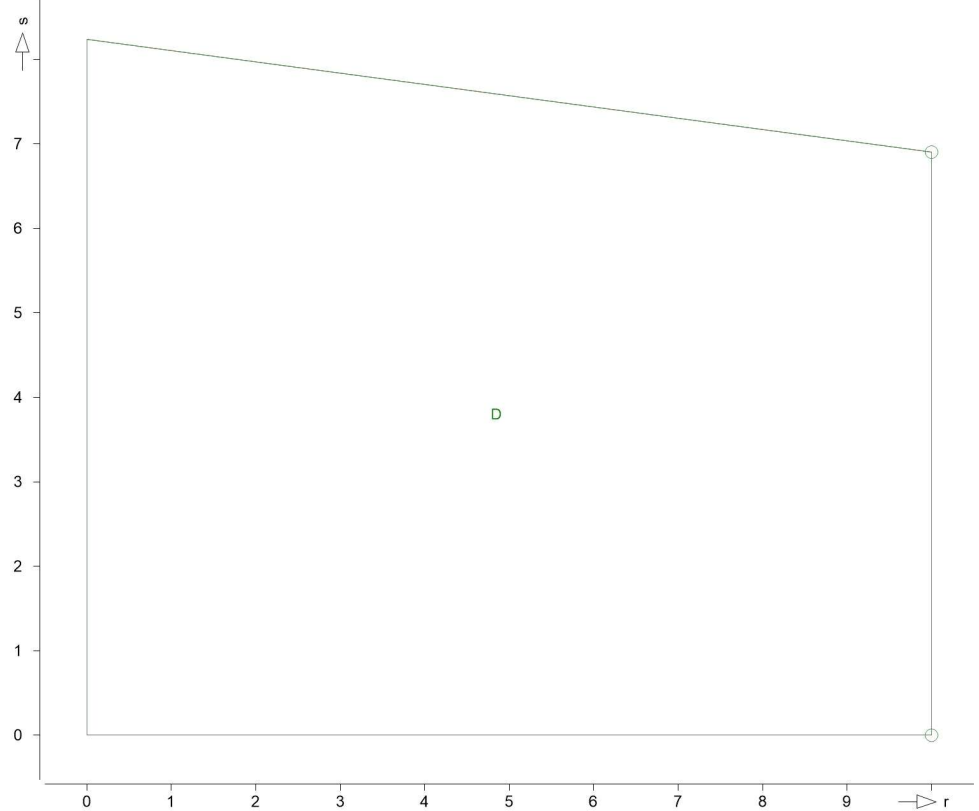
Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
L12	16.24	-3.53	7.25	-0.62	D
	16.24	-3.53	7.49		
L13	16.24	-3.53	7.49	-0.92	D
	16.24	-3.53	7.72	-0.31	
L14	16.24	-5.00	3.33	-0.32	D
	16.24	-5.00	6.58		
L15	16.24	-5.00	6.58	-0.32	D
	16.24	-5.00	6.78		
L16	16.24	-5.00	6.78	-0.32	D
	16.24	-5.00	7.01		
L17	16.24	-5.00	7.01	-0.32	D
	16.24	-5.00	7.25		
L18	16.24	-5.00	7.25	-0.32	D
	16.24	-5.00	7.49		
L19	16.24	-5.00	7.49	-0.32	D
	16.24	-5.00	7.72		
L20	16.24	-5.00	7.72	-0.63	D
	16.24	-5.00	7.92	-0.01	
L21	16.24	-1.77	3.33	-0.54	D
	16.24	-1.77	6.58		
L22	16.24	-1.77	6.58	-0.54	D
	16.24	-1.77	6.78		
L23	16.24	-1.77	6.78	-0.54	D
	16.24	-1.77	7.01		
L24	16.24	-1.77	7.01	-0.54	D
	16.24	-1.77	7.25		
L25	16.24	-1.77	7.25	-0.77	D
	16.24	-1.77	7.49	-0.30	
L26	16.24	0.00	3.33	-0.40	D
	16.24	0.00	6.58		
L27	16.24	0.00	6.58	-0.40	D
	16.24	0.00	6.78		
L28	16.24	0.00	6.78	-0.40	D
	16.24	0.00	7.01		
L29	16.24	0.00	7.01	-0.56	D
	16.24	0.00	7.25	-0.23	
L30	16.24	1.77	3.33	-0.26	D
	16.24	1.77	6.58		
L31	16.24	1.77	6.58	-0.26	D
	16.24	1.77	6.78		
L32	16.24	1.77	6.78	-0.35	D
	16.24	1.77	7.01	-0.16	
L33	16.24	3.53	3.33	-0.11	D
	16.24	3.53	6.58		
L34	16.24	3.53	6.58	-0.13	D
	16.24	3.53	6.78	-0.08	
L35	16.24	5.00	3.33	-0.01	D
	16.24	5.00	6.58		

LF: 270-W-R

Windlasten, Anströmrichtung 270°

Lastbereiche

Bereiche der Windbelastung

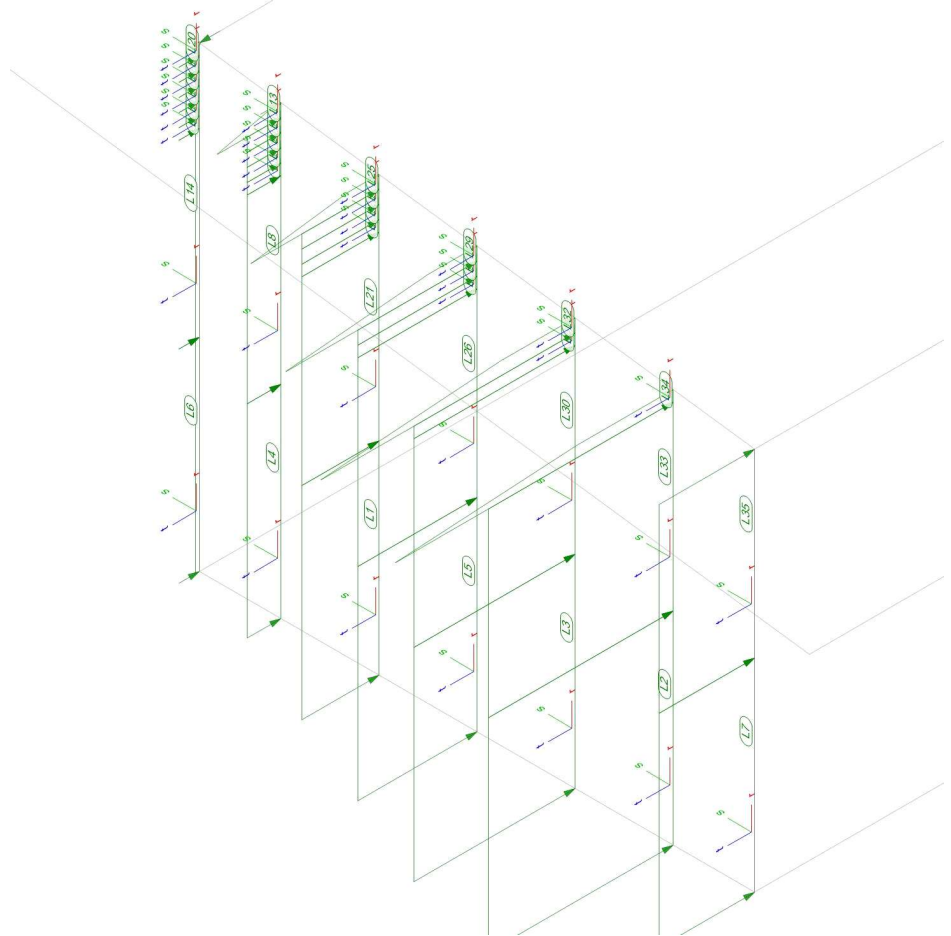


Bereich D

r	=	10.00	0.00	0.00	10.00 m
s	=	6.90	8.24	0.00	0.00 m
pt	=	-0.46	0.00	0.00	-0.46 kN/m ²

Verteilte Lasten

Übersicht der verteilten Lasten



Linienlasten

Bez.	x1	y1	z1	Last	WB
	x2	y2	z2	[kN/m]	
	[m]	[m]	[m]		
L1	16.24	-1.77	-0.32	-0.26	D
	16.24	-1.77	3.33		
L2	16.24	3.53	-0.32	-0.62	D
	16.24	3.53	3.33		
L3	16.24	1.77	-0.32	-0.54	D
	16.24	1.77	3.33		
L4	16.24	-3.53	-0.32	-0.11	D
	16.24	-3.53	3.33		
L5	16.24	0.00	-0.32	-0.40	D
	16.24	0.00	3.33		
L6	16.24	-5.00	-0.32	-0.01	D
	16.24	-5.00	3.33		
L7	16.24	5.00	-0.32	-0.32	D
	16.24	5.00	3.33		
L8	16.24	-3.53	3.33	-0.11	D
	16.24	-3.53	6.58		
L9	16.24	-3.53	6.58	-0.11	D
	16.24	-3.53	6.78		
L10	16.24	-3.53	6.78	-0.11	D
	16.24	-3.53	7.01		
L11	16.24	-3.53	7.01	-0.11	D
	16.24	-3.53	7.25		

Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
L12	16.24	-3.53	7.25	-0.11	D
	16.24	-3.53	7.49		
L13	16.24	-3.53	7.49	-0.21	D
	16.24	-3.53	7.72	-0.02	
L14	16.24	-5.00	3.33	-0.01	D
	16.24	-5.00	6.58		
L15	16.24	-5.00	6.58	-0.01	D
	16.24	-5.00	6.78		
L16	16.24	-5.00	6.78	-0.01	D
	16.24	-5.00	7.01		
L17	16.24	-5.00	7.01	-0.01	D
	16.24	-5.00	7.25		
L18	16.24	-5.00	7.25	-0.01	D
	16.24	-5.00	7.49		
L19	16.24	-5.00	7.49	-0.01	D
	16.24	-5.00	7.72		
L20	16.24	-5.00	7.72	-0.04	D
	16.24	-5.00	7.92	0.01	
L21	16.24	-1.77	3.33	-0.26	D
	16.24	-1.77	6.58		
L22	16.24	-1.77	6.58	-0.26	D
	16.24	-1.77	6.78		
L23	16.24	-1.77	6.78	-0.26	D
	16.24	-1.77	7.01		
L24	16.24	-1.77	7.01	-0.26	D
	16.24	-1.77	7.25		
L25	16.24	-1.77	7.25	-0.43	D
	16.24	-1.77	7.49	-0.10	
L26	16.24	0.00	3.33	-0.40	D
	16.24	0.00	6.58		
L27	16.24	0.00	6.58	-0.40	D
	16.24	0.00	6.78		
L28	16.24	0.00	6.78	-0.40	D
	16.24	0.00	7.01		
L29	16.24	0.00	7.01	-0.64	D
	16.24	0.00	7.25	-0.17	
L30	16.24	1.77	3.33	-0.54	D
	16.24	1.77	6.58		
L31	16.24	1.77	6.58	-0.54	D
	16.24	1.77	6.78		
L32	16.24	1.77	6.78	-0.86	D
	16.24	1.77	7.01	-0.24	
L33	16.24	3.53	3.33	-0.62	D
	16.24	3.53	6.58		
L34	16.24	3.53	6.58	-0.94	D
	16.24	3.53	6.78	-0.32	
L35	16.24	5.00	3.33	-0.32	D
	16.24	5.00	6.58		

Dach

Belastungen auf das Dach

Die folgenden Lasten werden generiert:

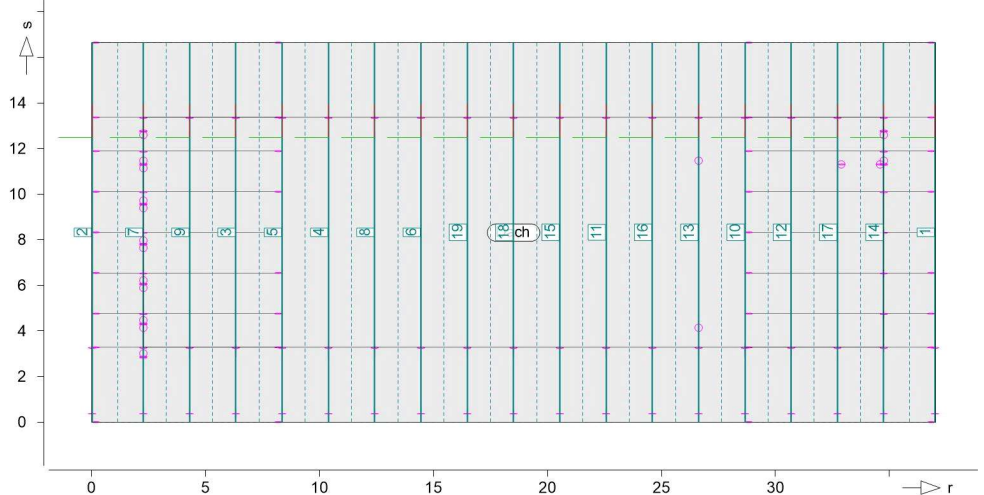
- Windlasten
- Schneelasten

Die Lasten der Fläche werden linienförmig verteilt.

Hierbei werden über Einflussbreiten die Flächenlasten den Lastverteilungslinien zugeordnet. Lasten außerhalb der Einflussbreiten bleiben unberücksichtigt.

Positionsgrafik

Übersicht der Lastverteilungslinien



Verteilungslinien

Nr.	Koordinaten		Einflussbreite	
	r [m]	s [m]	links [m]	rechts [m]
1	0.02	0.00	0.02	1.13
	0.02	16.65		
2	2.27	0.00	1.13	1.02
	2.27	16.65		
3	4.30	0.00	1.02	1.02
	4.30	16.65		
4	6.33	0.00	1.02	1.02
	6.33	16.65		
5	8.36	0.00	1.02	1.02
	8.36	16.65		
6	10.39	0.00	1.02	1.02
	10.39	16.65		
7	12.42	0.00	1.02	1.02
	12.42	16.65		
8	14.45	0.00	1.02	1.02
	14.45	16.65		
9	16.48	0.00	1.02	1.02
	16.48	16.65		
10	18.51	0.00	1.02	1.02
	18.51	16.65		
11	20.54	0.00	1.02	1.02
	20.54	16.65		
12	22.57	0.00	1.02	1.02
	22.57	16.65		

Nr.	Koordinaten		Einflussbreite	
	r [m]	s [m]	links [m]	rechts [m]
13	24.60	0.00	1.02	1.02
	24.60	16.65		
14	26.63	0.00	1.02	1.02
	26.63	16.65		
15	28.66	0.00	1.02	1.02
	28.66	16.65		
16	30.69	0.00	1.02	1.02
	30.69	16.65		
17	32.72	0.00	1.02	1.02
	32.72	16.65		
18	34.75	0.00	1.02	1.13
	34.75	16.65		
19	37.00	0.00	1.13	0.02
	37.00	16.65		

Windlasten

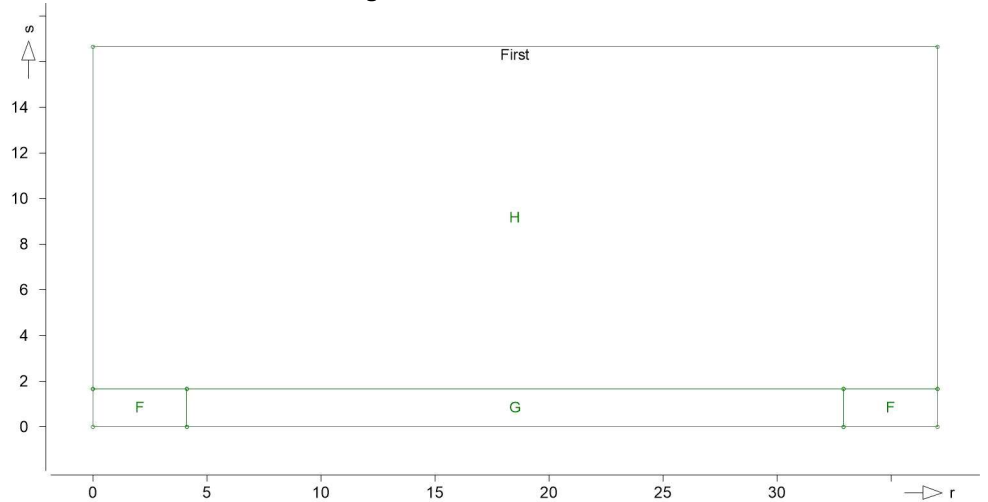
Belastungen infolge Wind

LF: 000-D-luvS

Windlasten, Anströmrichtung 0°

Lastbereiche

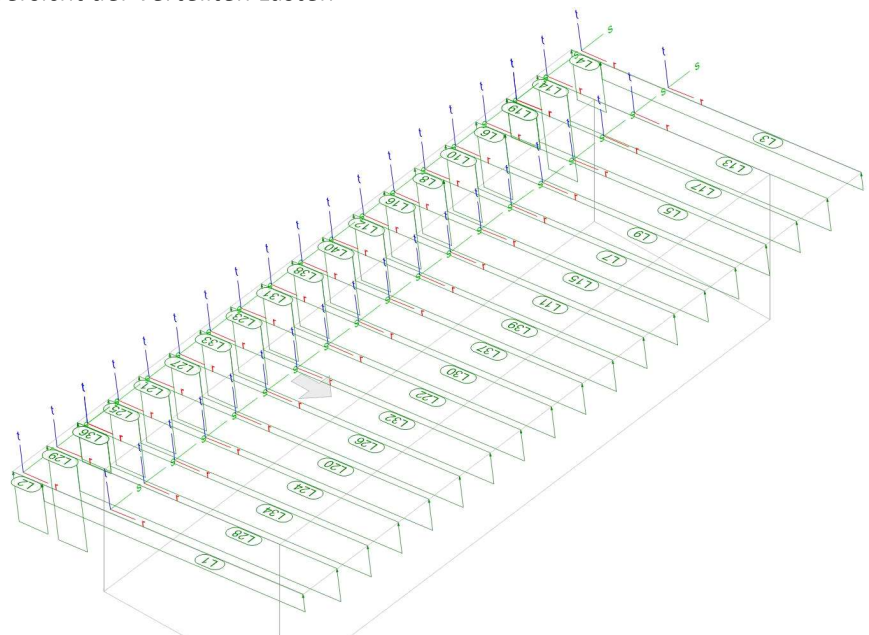
Bereiche der Windbelastung



Bereich F	Lastgröße					pt	=	0.97	kN/m ²
	r =	4.12	0.00	0.00	4.12	m			
	s =	1.66	1.66	0.00	0.00	m			
Bereich F	Lastgröße					pt	=	0.97	kN/m ²
	r =	37.02	32.90	32.90	37.02	m			
	s =	1.66	1.66	0.00	0.00	m			
Bereich G	Lastgröße					pt	=	0.71	kN/m ²
	r =	32.90	4.12	4.12	32.90	m			
	s =	1.66	1.66	0.00	0.00	m			
Bereich H	Lastgröße					pt	=	0.34	kN/m ²
	r =	37.02	0.00	0.00	37.02	m			
	s =	16.65	16.65	1.66	1.66	m			

Verteilte Lasten

Übersicht der verteilten Lasten



Linienlasten

Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
L1	-18.49	6.60	6.37	0.39	H
	-18.49	-8.25	8.35		
L2	-18.49	8.25	6.15	1.11	F
	-18.49	6.60	6.37		
L3	18.49	6.60	6.37	0.39	H
	18.49	-8.25	8.35		
L4	18.49	8.25	6.15	1.11	F
	18.49	6.60	6.37		
L5	12.18	6.60	6.37	0.69	H
	12.18	-8.25	8.35		
L6	12.18	8.25	6.15	1.45	G
	12.18	6.60	6.37		
L7	8.12	6.60	6.37	0.69	H
	8.12	-8.25	8.35		
L8	8.12	8.25	6.15	1.45	G
	8.12	6.60	6.37		
L9	10.15	6.60	6.37	0.69	H
	10.15	-8.25	8.35		
L10	10.15	8.25	6.15	1.45	G
	10.15	6.60	6.37		
L11	4.06	6.60	6.37	0.69	H
	4.06	-8.25	8.35		
L12	4.06	8.25	6.15	1.45	G
	4.06	6.60	6.37		
L13	16.24	6.60	6.37	0.73	H
	16.24	-8.25	8.35		
L14	16.24	8.25	6.15	2.08	F
	16.24	6.60	6.37		
L15	6.09	6.60	6.37	0.69	H
	6.09	-8.25	8.35		
L16	6.09	8.25	6.15	1.45	G
	6.09	6.60	6.37		
L17	14.21	6.60	6.37	0.69	H
	14.21	-8.25	8.35		
L18	14.21	8.25	6.15	0.81	F
	14.21	6.60	6.37		
L19	14.21	8.25	6.15	0.85	G
	14.21	6.60	6.37		
L20	-10.15	6.60	6.37	0.69	H
	-10.15	-8.25	8.35		
L21	-10.15	8.25	6.15	1.45	G
	-10.15	6.60	6.37		
L22	-4.06	6.60	6.37	0.69	H
	-4.06	-8.25	8.35		
L23	-4.06	8.25	6.15	1.45	G
	-4.06	6.60	6.37		
L24	-12.18	6.60	6.37	0.69	H
	-12.18	-8.25	8.35		
L25	-12.18	8.25	6.15	1.45	G
	-12.18	6.60	6.37		

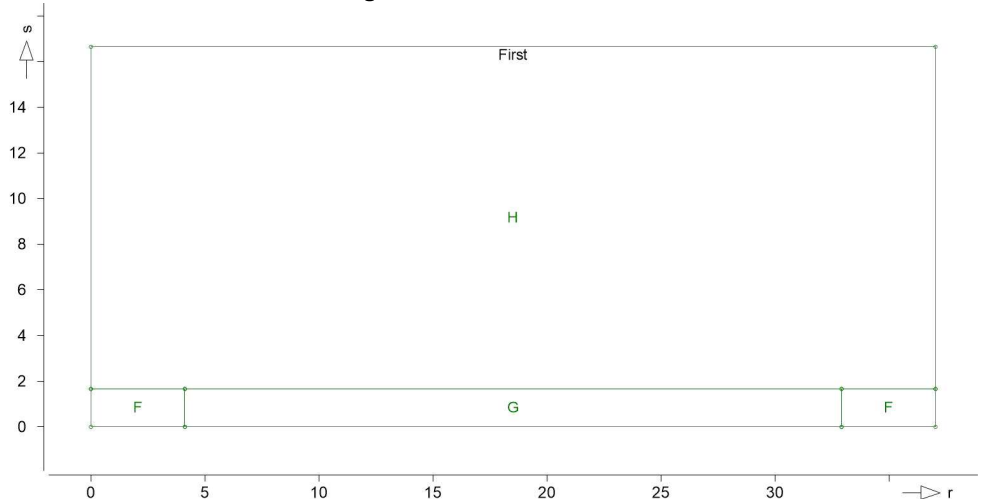
Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
L26	-8.12	6.60	6.37	0.69	H
	-8.12	-8.25	8.35		
L27	-8.12	8.25	6.15	1.45	G
	-8.12	6.60	6.37		
L28	-16.24	6.60	6.37	0.73	H
	-16.24	-8.25	8.35		
L29	-16.24	8.25	6.15	2.08	F
	-16.24	6.60	6.37		
L30	-2.03	6.60	6.37	0.69	H
	-2.03	-8.25	8.35		
L31	-2.03	8.25	6.15	1.45	G
	-2.03	6.60	6.37		
L32	-6.09	6.60	6.37	0.69	H
	-6.09	-8.25	8.35		
L33	-6.09	8.25	6.15	1.45	G
	-6.09	6.60	6.37		
L34	-14.21	6.60	6.37	0.69	H
	-14.21	-8.25	8.35		
L35	-14.21	8.25	6.15	0.85	G
	-14.21	6.60	6.37		
L36	-14.21	8.25	6.15	0.81	F
	-14.21	6.60	6.37		
L37	0.00	6.60	6.37	0.69	H
	0.00	-8.25	8.35		
L38	0.00	8.25	6.15	1.45	G
	0.00	6.60	6.37		
L39	2.03	6.60	6.37	0.69	H
	2.03	-8.25	8.35		
L40	2.03	8.25	6.15	1.45	G
	2.03	6.60	6.37		

LF: 000-D-luvD

Windlasten, Anströmrichtung 0°

Lastbereiche

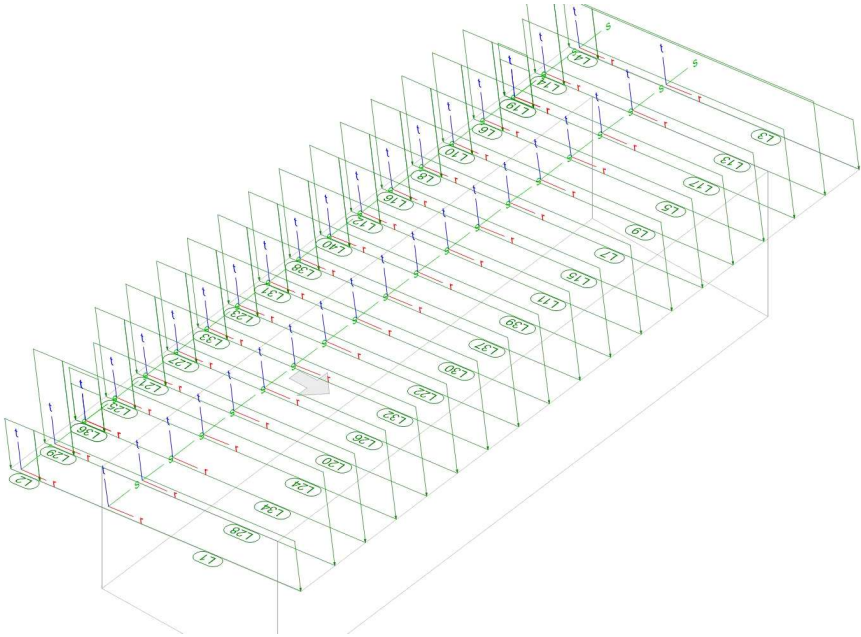
Bereiche der Windbelastung



Bereich F	Lastgröße	pt			=	-0.03	kN/m ²
	r =	4.12	0.00	0.00	4.12	m	
	s =	1.66	1.66	0.00	0.00	m	
Bereich F	Lastgröße	pt			=	-0.03	kN/m ²
	r =	37.02	32.90	32.90	37.02	m	
	s =	1.66	1.66	0.00	0.00	m	
Bereich G	Lastgröße	pt			=	-0.03	kN/m ²
	r =	32.90	4.12	4.12	32.90	m	
	s =	1.66	1.66	0.00	0.00	m	
Bereich H	Lastgröße	pt			=	-0.03	kN/m ²
	r =	37.02	0.00	0.00	37.02	m	
	s =	16.65	16.65	1.66	1.66	m	

Verteilte Lasten

Übersicht der verteilten Lasten



Linienlasten

Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
L1	-18.49	6.60	6.37	-0.04	H
	-18.49	-8.25	8.35		
L2	-18.49	8.25	6.15	-0.04	F
	-18.49	6.60	6.37		
L3	18.49	6.60	6.37	-0.04	H
	18.49	-8.25	8.35		
L4	18.49	8.25	6.15	-0.04	F
	18.49	6.60	6.37		
L5	12.18	6.60	6.37	-0.07	H
	12.18	-8.25	8.35		
L6	12.18	8.25	6.15	-0.07	G
	12.18	6.60	6.37		
L7	8.12	6.60	6.37	-0.07	H
	8.12	-8.25	8.35		
L8	8.12	8.25	6.15	-0.07	G
	8.12	6.60	6.37		
L9	10.15	6.60	6.37	-0.07	H
	10.15	-8.25	8.35		

Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
L10	10.15	8.25	6.15	-0.07	G
	10.15	6.60	6.37		
L11	4.06	6.60	6.37	-0.07	H
	4.06	-8.25	8.35		
L12	4.06	8.25	6.15	-0.07	G
	4.06	6.60	6.37		
L13	16.24	6.60	6.37	-0.07	H
	16.24	-8.25	8.35		
L14	16.24	8.25	6.15	-0.07	F
	16.24	6.60	6.37		
L15	6.09	6.60	6.37	-0.07	H
	6.09	-8.25	8.35		
L16	6.09	8.25	6.15	-0.07	G
	6.09	6.60	6.37		
L17	14.21	6.60	6.37	-0.07	H
	14.21	-8.25	8.35		
L18	14.21	8.25	6.15	-0.03	F
	14.21	6.60	6.37		
L19	14.21	8.25	6.15	-0.04	G
	14.21	6.60	6.37		
L20	-10.15	6.60	6.37	-0.07	H
	-10.15	-8.25	8.35		
L21	-10.15	8.25	6.15	-0.07	G
	-10.15	6.60	6.37		
L22	-4.06	6.60	6.37	-0.07	H
	-4.06	-8.25	8.35		
L23	-4.06	8.25	6.15	-0.07	G
	-4.06	6.60	6.37		
L24	-12.18	6.60	6.37	-0.07	H
	-12.18	-8.25	8.35		
L25	-12.18	8.25	6.15	-0.07	G
	-12.18	6.60	6.37		
L26	-8.12	6.60	6.37	-0.07	H
	-8.12	-8.25	8.35		
L27	-8.12	8.25	6.15	-0.07	G
	-8.12	6.60	6.37		
L28	-16.24	6.60	6.37	-0.07	H
	-16.24	-8.25	8.35		
L29	-16.24	8.25	6.15	-0.07	F
	-16.24	6.60	6.37		
L30	-2.03	6.60	6.37	-0.07	H
	-2.03	-8.25	8.35		
L31	-2.03	8.25	6.15	-0.07	G
	-2.03	6.60	6.37		
L32	-6.09	6.60	6.37	-0.07	H
	-6.09	-8.25	8.35		
L33	-6.09	8.25	6.15	-0.07	G
	-6.09	6.60	6.37		
L34	-14.21	6.60	6.37	-0.07	H
	-14.21	-8.25	8.35		

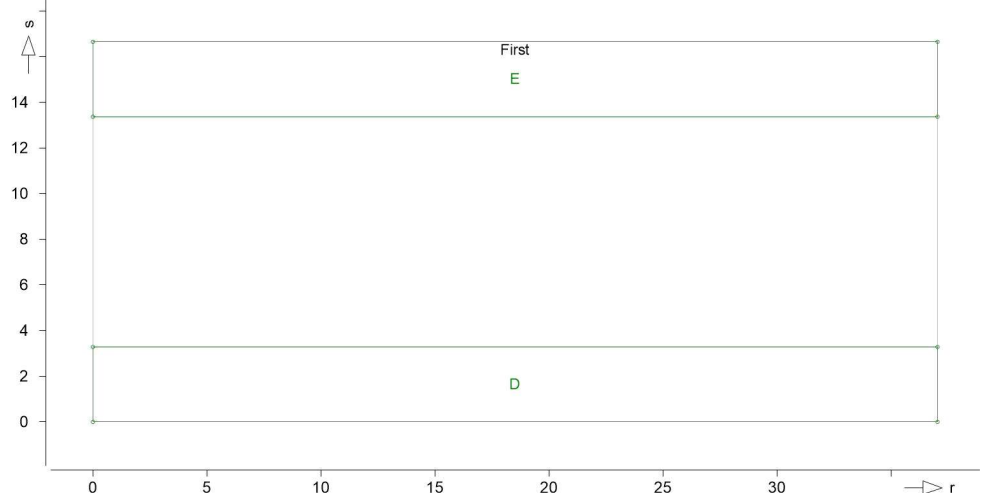
Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
L35	-14.21 -14.21	8.25 6.60	6.15 6.37	-0.04	G
L36	-14.21 -14.21	8.25 6.60	6.15 6.37	-0.03	F
L37	0.00 0.00	6.60 -8.25	6.37 8.35	-0.07	H
L38	0.00 0.00	8.25 6.60	6.15 6.37	-0.07	G
L39	2.03 2.03	6.60 -8.25	6.37 8.35	-0.07	H
L40	2.03 2.03	8.25 6.60	6.15 6.37	-0.07	G

LF: 000-U

Windlasten, Anströmrichtung 0°

Lastbereiche

Bereiche der Windbelastung



Bereich D

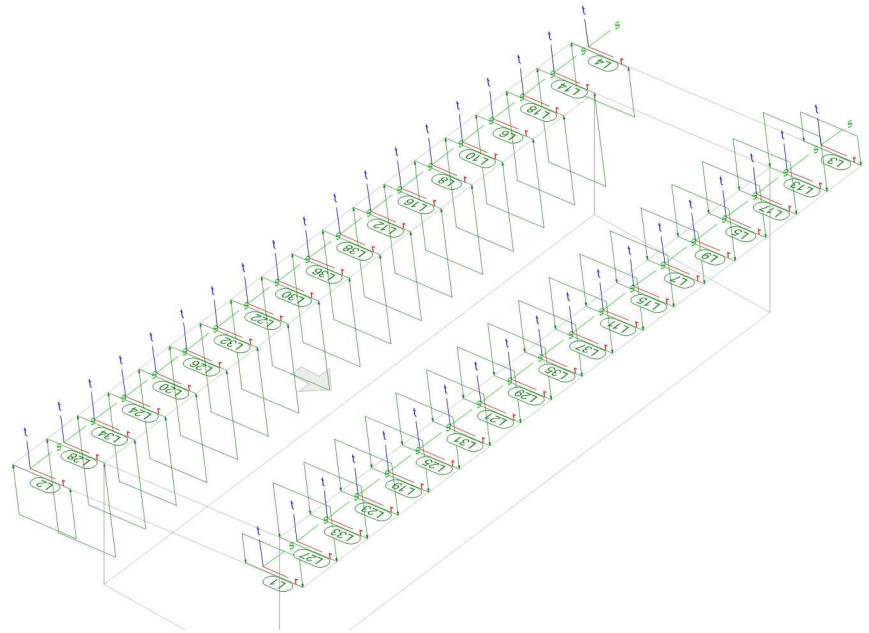
Lastgröße	pt	=	0.50	kN/m ²
r =	37.02	37.02	0.00	0.00 m
s =	0.00	3.28	3.28	0.00 m

Bereich E

Lastgröße	pt	=	-0.29	kN/m ²
r =	37.02	0.00	0.00	37.02 m
s =	16.65	16.65	13.37	13.37 m

Verteilte Lasten

Übersicht der verteilten Lasten



Linienlasten

Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
L1	-18.49	-5.00	7.92	-0.34	E
	-18.49	-8.25	8.35		
L2	-18.49	8.25	6.15	0.58	D
	-18.49	5.00	6.58		
L3	18.49	-5.00	7.92	-0.34	E
	18.49	-8.25	8.35		
L4	18.49	8.25	6.15	0.58	D
	18.49	5.00	6.58		
L5	12.18	-5.00	7.92	-0.60	E
	12.18	-8.25	8.35		
L6	12.18	8.25	6.15	1.02	D
	12.18	5.00	6.58		
L7	8.12	-5.00	7.92	-0.60	E
	8.12	-8.25	8.35		
L8	8.12	8.25	6.15	1.02	D
	8.12	5.00	6.58		
L9	10.15	-5.00	7.92	-0.60	E
	10.15	-8.25	8.35		
L10	10.15	8.25	6.15	1.02	D
	10.15	5.00	6.58		
L11	4.06	-5.00	7.92	-0.60	E
	4.06	-8.25	8.35		
L12	4.06	8.25	6.15	1.02	D
	4.06	5.00	6.58		
L13	16.24	-5.00	7.92	-0.63	E
	16.24	-8.25	8.35		
L14	16.24	8.25	6.15	1.08	D
	16.24	5.00	6.58		
L15	6.09	-5.00	7.92	-0.60	E
	6.09	-8.25	8.35		

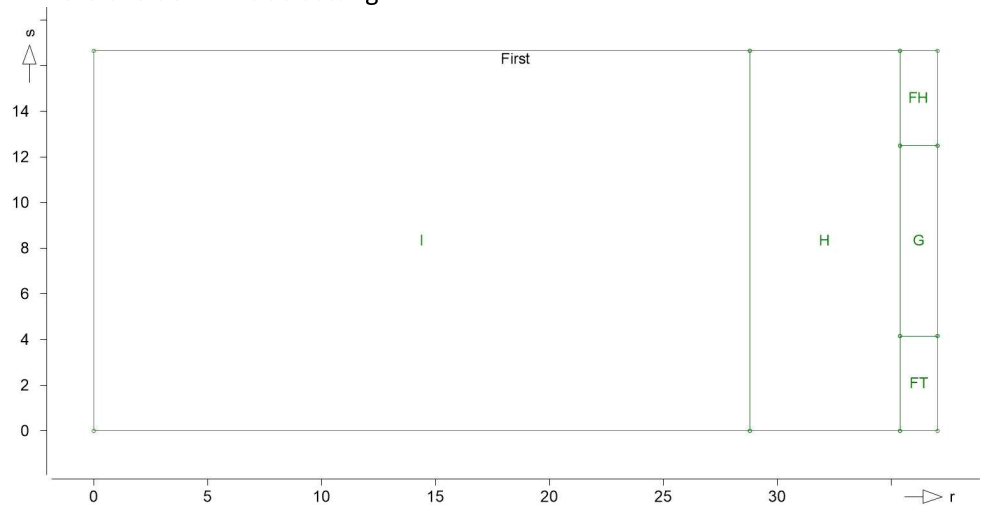
Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
L16	6.09	8.25	6.15	1.02	D
	6.09	5.00	6.58		
L17	14.21	-5.00	7.92	-0.60	E
	14.21	-8.25	8.35		
L18	14.21	8.25	6.15	1.02	D
	14.21	5.00	6.58		
L19	-10.15	-5.00	7.92	-0.60	E
	-10.15	-8.25	8.35		
L20	-10.15	8.25	6.15	1.02	D
	-10.15	5.00	6.58		
L21	-4.06	-5.00	7.92	-0.60	E
	-4.06	-8.25	8.35		
L22	-4.06	8.25	6.15	1.02	D
	-4.06	5.00	6.58		
L23	-12.18	-5.00	7.92	-0.60	E
	-12.18	-8.25	8.35		
L24	-12.18	8.25	6.15	1.02	D
	-12.18	5.00	6.58		
L25	-8.12	-5.00	7.92	-0.60	E
	-8.12	-8.25	8.35		
L26	-8.12	8.25	6.15	1.02	D
	-8.12	5.00	6.58		
L27	-16.24	-5.00	7.92	-0.63	E
	-16.24	-8.25	8.35		
L28	-16.24	8.25	6.15	1.08	D
	-16.24	5.00	6.58		
L29	-2.03	-5.00	7.92	-0.60	E
	-2.03	-8.25	8.35		
L30	-2.03	8.25	6.15	1.02	D
	-2.03	5.00	6.58		
L31	-6.09	-5.00	7.92	-0.60	E
	-6.09	-8.25	8.35		
L32	-6.09	8.25	6.15	1.02	D
	-6.09	5.00	6.58		
L33	-14.21	-5.00	7.92	-0.60	E
	-14.21	-8.25	8.35		
L34	-14.21	8.25	6.15	1.02	D
	-14.21	5.00	6.58		
L35	0.00	-5.00	7.92	-0.60	E
	0.00	-8.25	8.35		
L36	0.00	8.25	6.15	1.02	D
	0.00	5.00	6.58		
L37	2.03	-5.00	7.92	-0.60	E
	2.03	-8.25	8.35		
L38	2.03	8.25	6.15	1.02	D
	2.03	5.00	6.58		

LF: 090-D

Windlasten, Anströmrichtung 90°

Lastbereiche

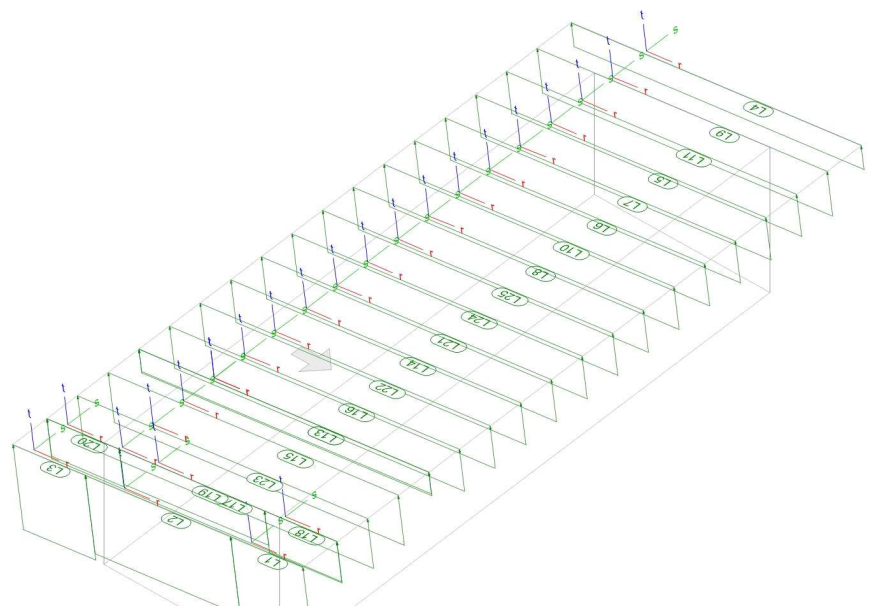
Bereiche der Windbelastung



Bereich FH	Lastgröße	pt = 1.42 kN/m²			
	r =	37.02	37.02	35.37	35.37 m
	s =	12.49	16.65	16.65	12.49 m
Bereich FT	Lastgröße	pt = 1.28 kN/m²			
	r =	37.02	37.02	35.37	35.37 m
	s =	0.00	4.15	4.15	0.00 m
Bereich G	Lastgröße	pt = 1.19 kN/m²			
	r =	37.02	37.02	35.37	35.37 m
	s =	4.15	12.49	12.49	4.15 m
Bereich H	Lastgröße	pt = 0.42 kN/m²			
	r =	35.37	35.37	28.78	28.78 m
	s =	0.00	16.65	16.65	0.00 m
Bereich I	Lastgröße	pt = 0.36 kN/m²			
	r =	28.78	28.78	0.00	0.00 m
	s =	0.00	16.65	16.65	0.00 m

Verteilte Lasten

Übersicht der verteilten Lasten



Linienlasten

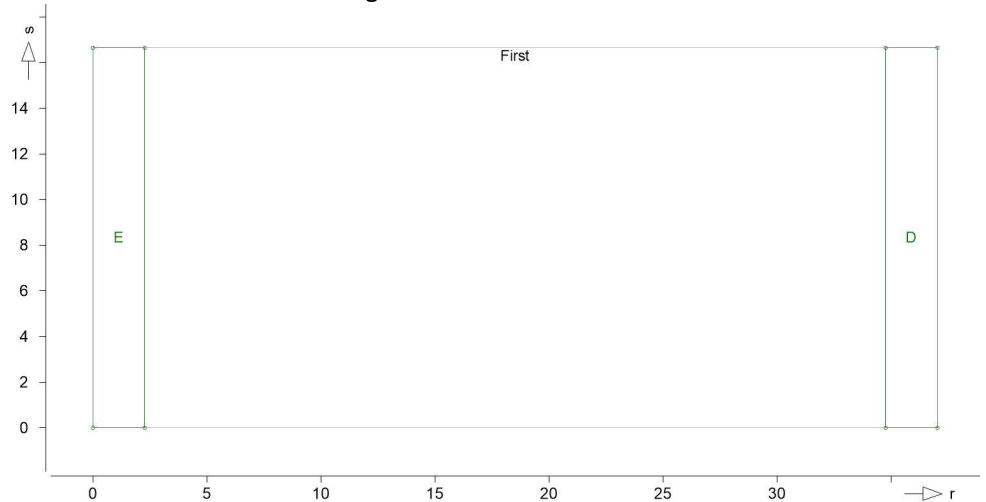
Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
L1	-18.49	-4.13	7.80	1.62	FH
	-18.49	-8.25	8.35		
L2	-18.49	4.13	6.70	1.36	G
	-18.49	-4.13	7.80		
L3	-18.49	8.25	6.15	1.47	FT
	-18.49	4.13	6.70		
L4	18.49	8.25	6.15	0.41	I
	18.49	-8.25	8.35		
L5	12.18	8.25	6.15	0.73	I
	12.18	-8.25	8.35		
L6	8.12	8.25	6.15	0.73	I
	8.12	-8.25	8.35		
L7	10.15	8.25	6.15	0.73	I
	10.15	-8.25	8.35		
L8	4.06	8.25	6.15	0.73	I
	4.06	-8.25	8.35		
L9	16.24	8.25	6.15	0.77	I
	16.24	-8.25	8.35		
L10	6.09	8.25	6.15	0.73	I
	6.09	-8.25	8.35		
L11	14.21	8.25	6.15	0.73	I
	14.21	-8.25	8.35		
L12	-10.15	8.25	6.15	0.41	I
	-10.15	-8.25	8.35		
L13	-10.15	8.25	6.15	0.38	H
	-10.15	-8.25	8.35		
L14	-4.06	8.25	6.15	0.73	I
	-4.06	-8.25	8.35		
L15	-12.18	8.25	6.15	0.86	H
	-12.18	-8.25	8.35		
L16	-8.12	8.25	6.15	0.73	I
	-8.12	-8.25	8.35		
L17	-16.24	8.25	6.15	0.69	H
	-16.24	-8.25	8.35		
L18	-16.24	-4.13	7.80	0.71	FH
	-16.24	-8.25	8.35		
L19	-16.24	4.13	6.70	0.60	G
	-16.24	-4.13	7.80		
L20	-16.24	8.25	6.15	0.64	FT
	-16.24	4.13	6.70		
L21	-2.03	8.25	6.15	0.73	I
	-2.03	-8.25	8.35		
L22	-6.09	8.25	6.15	0.73	I
	-6.09	-8.25	8.35		
L23	-14.21	8.25	6.15	0.86	H
	-14.21	-8.25	8.35		
L24	0.00	8.25	6.15	0.73	I
	0.00	-8.25	8.35		
L25	2.03	8.25	6.15	0.73	I
	2.03	-8.25	8.35		

LF: 090-U

Windlasten, Anströmrichtung 90°

Lastbereiche

Bereiche der Windbelastung

**Bereich D**

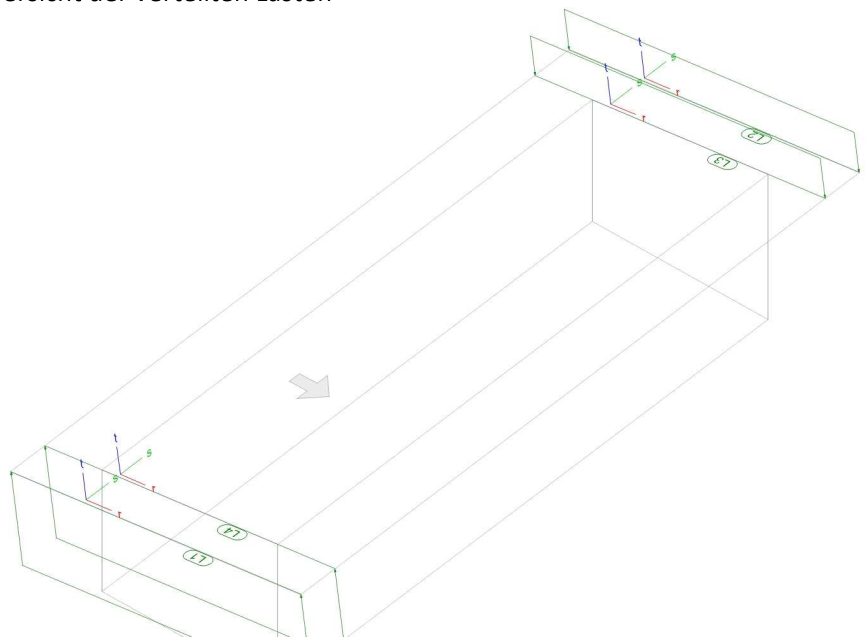
Lastgröße					pt	=	0.46	kN/m ²
r	=	37.02	37.02	34.75	34.75	m		
s	=	0.00	16.65	16.65	0.00	m		

Bereich E

Lastgröße					pt	=	-0.20	kN/m ²
r	=	0.00	2.27	2.27	0.00	m		
s	=	0.00	0.00	16.65	16.65	m		

Verteilte Lasten

Übersicht der verteilten Lasten



Linienlasten

Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
L1	-18.49	8.25	6.15	0.52	D
	-18.49	-8.25	8.35		
L2	18.49	8.25	6.15	-0.22	E
	18.49	-8.25	8.35		
L3	16.24	8.25	6.15	-0.22	E
	16.24	-8.25	8.35		

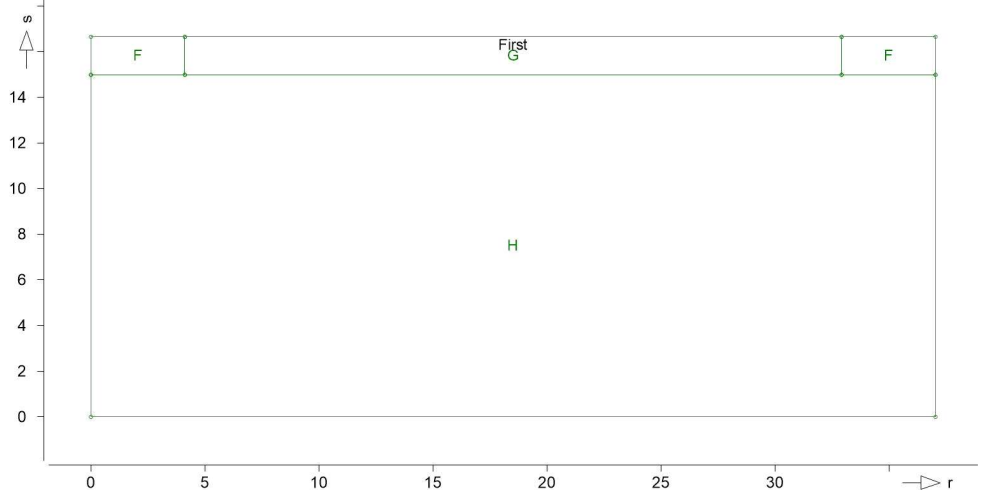
Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
L4	-16.24 -16.24	8.25 -8.25	6.15 8.35	0.51	D

LF: 180-D-luvS

Windlasten, Anströmrichtung 180°

Lastbereiche

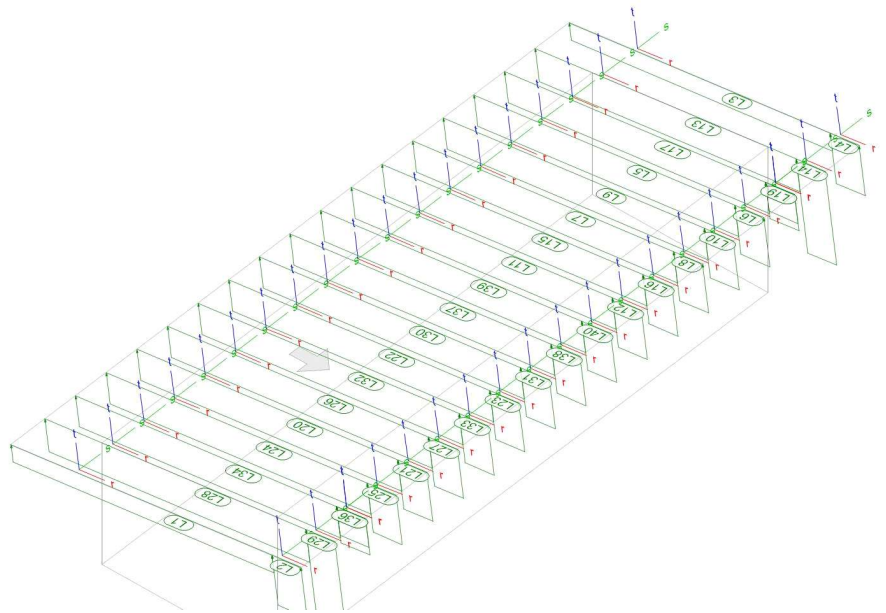
Bereiche der Windbelastung



Bereich F	Lastgröße	pt	=	1.53	kN/m ²
	r =	4.12	0.00	0.00	4.12 m
	s =	16.65	16.65	14.98	14.98 m
Bereich F	Lastgröße	pt	=	1.53	kN/m ²
	r =	37.02	32.90	32.90	37.02 m
	s =	16.65	16.65	14.98	14.98 m
Bereich G	Lastgröße	pt	=	0.84	kN/m ²
	r =	32.90	4.12	4.12	32.90 m
	s =	16.65	16.65	14.98	14.98 m
Bereich H	Lastgröße	pt	=	0.54	kN/m ²
	r =	37.02	0.00	0.00	37.02 m
	s =	14.98	14.98	0.00	0.00 m

Verteilte Lasten

Übersicht der verteilten Lasten



Linienlasten

Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
L1	-18.49	8.25	6.15	0.61	H
	-18.49	-6.60	8.13		
L2	-18.49	-6.60	8.13	1.75	F
	-18.49	-8.25	8.35		
L3	18.49	8.25	6.15	0.61	H
	18.49	-6.60	8.13		
L4	18.49	-6.60	8.13	1.75	F
	18.49	-8.25	8.35		
L5	12.18	8.25	6.15	1.09	H
	12.18	-6.60	8.13		
L6	12.18	-6.60	8.13	1.72	G
	12.18	-8.25	8.35		
L7	8.12	8.25	6.15	1.09	H
	8.12	-6.60	8.13		
L8	8.12	-6.60	8.13	1.72	G
	8.12	-8.25	8.35		
L9	10.15	8.25	6.15	1.09	H
	10.15	-6.60	8.13		
L10	10.15	-6.60	8.13	1.72	G
	10.15	-8.25	8.35		
L11	4.06	8.25	6.15	1.09	H
	4.06	-6.60	8.13		
L12	4.06	-6.60	8.13	1.72	G
	4.06	-8.25	8.35		
L13	16.24	8.25	6.15	1.15	H
	16.24	-6.60	8.13		
L14	16.24	-6.60	8.13	3.27	F
	16.24	-8.25	8.35		
L15	6.09	8.25	6.15	1.09	H
	6.09	-6.60	8.13		

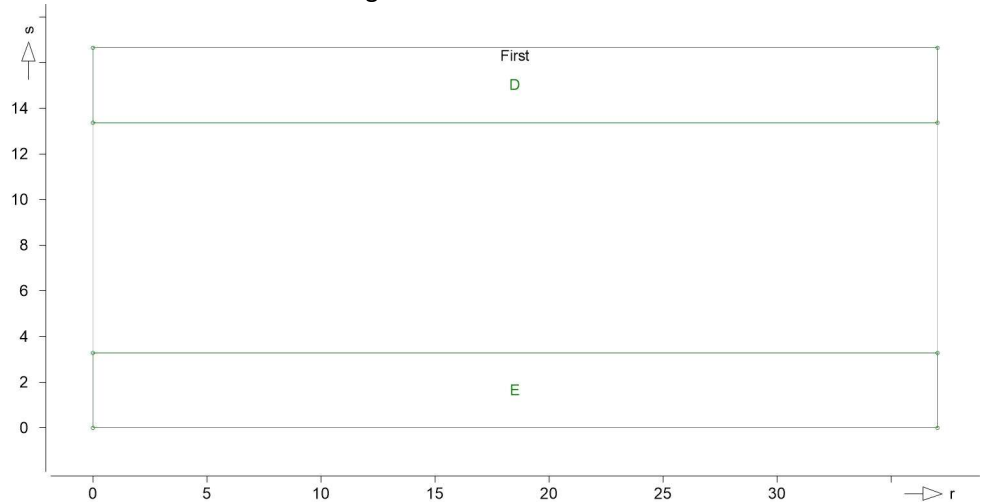
Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
L16	6.09	-6.60	8.13	1.72	G
	6.09	-8.25	8.35		
L17	14.21	8.25	6.15	1.09	H
	14.21	-6.60	8.13		
L18	14.21	-6.60	8.13	1.27	F
	14.21	-8.25	8.35		
L19	14.21	-6.60	8.13	1.01	G
	14.21	-8.25	8.35		
L20	-10.15	8.25	6.15	1.09	H
	-10.15	-6.60	8.13		
L21	-10.15	-6.60	8.13	1.72	G
	-10.15	-8.25	8.35		
L22	-4.06	8.25	6.15	1.09	H
	-4.06	-6.60	8.13		
L23	-4.06	-6.60	8.13	1.72	G
	-4.06	-8.25	8.35		
L24	-12.18	8.25	6.15	1.09	H
	-12.18	-6.60	8.13		
L25	-12.18	-6.60	8.13	1.72	G
	-12.18	-8.25	8.35		
L26	-8.12	8.25	6.15	1.09	H
	-8.12	-6.60	8.13		
L27	-8.12	-6.60	8.13	1.72	G
	-8.12	-8.25	8.35		
L28	-16.24	8.25	6.15	1.15	H
	-16.24	-6.60	8.13		
L29	-16.24	-6.60	8.13	3.27	F
	-16.24	-8.25	8.35		
L30	-2.03	8.25	6.15	1.09	H
	-2.03	-6.60	8.13		
L31	-2.03	-6.60	8.13	1.72	G
	-2.03	-8.25	8.35		
L32	-6.09	8.25	6.15	1.09	H
	-6.09	-6.60	8.13		
L33	-6.09	-6.60	8.13	1.72	G
	-6.09	-8.25	8.35		
L34	-14.21	8.25	6.15	1.09	H
	-14.21	-6.60	8.13		
L35	-14.21	-6.60	8.13	1.01	G
	-14.21	-8.25	8.35		
L36	-14.21	-6.60	8.13	1.27	F
	-14.21	-8.25	8.35		
L37	0.00	8.25	6.15	1.09	H
	0.00	-6.60	8.13		
L38	0.00	-6.60	8.13	1.72	G
	0.00	-8.25	8.35		
L39	2.03	8.25	6.15	1.09	H
	2.03	-6.60	8.13		
L40	2.03	-6.60	8.13	1.72	G
	2.03	-8.25	8.35		

LF: 180-U

Windlasten, Anströmrichtung 180°

Lastbereiche

Bereiche der Windbelastung



Bereich D

Lastgröße pt = 0.50 kN/m²

r = 37.02 0.00 0.00 37.02 m

s = 16.65 16.65 13.37 13.37 m

Bereich E

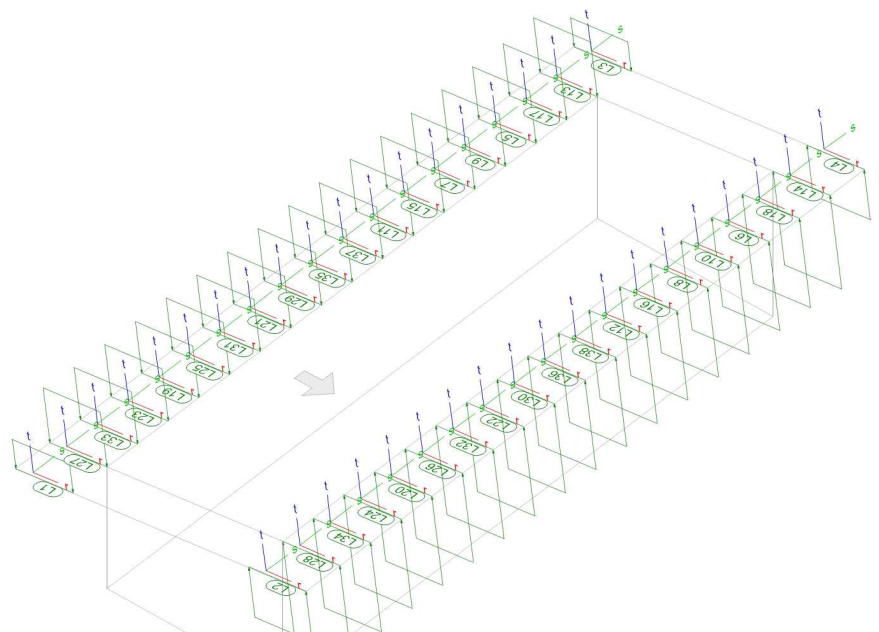
Lastgröße pt = -0.29 kN/m²

r = 37.02 37.02 0.00 0.00 m

s = 0.00 3.28 3.28 0.00 m

Verteilte Lasten

Übersicht der verteilten Lasten



Linienlasten

Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
L1	-18.49	8.25	6.15	-0.34	E
	-18.49	5.00	6.58		
L2	-18.49	-5.00	7.92	0.58	D
	-18.49	-8.25	8.35		
L3	18.49	8.25	6.15	-0.34	E
	18.49	5.00	6.58		

Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
L4	18.49	-5.00	7.92	0.58	D
	18.49	-8.25	8.35		
L5	12.18	8.25	6.15	-0.60	E
	12.18	5.00	6.58		
L6	12.18	-5.00	7.92	1.02	D
	12.18	-8.25	8.35		
L7	8.12	8.25	6.15	-0.60	E
	8.12	5.00	6.58		
L8	8.12	-5.00	7.92	1.02	D
	8.12	-8.25	8.35		
L9	10.15	8.25	6.15	-0.60	E
	10.15	5.00	6.58		
L10	10.15	-5.00	7.92	1.02	D
	10.15	-8.25	8.35		
L11	4.06	8.25	6.15	-0.60	E
	4.06	5.00	6.58		
L12	4.06	-5.00	7.92	1.02	D
	4.06	-8.25	8.35		
L13	16.24	8.25	6.15	-0.63	E
	16.24	5.00	6.58		
L14	16.24	-5.00	7.92	1.08	D
	16.24	-8.25	8.35		
L15	6.09	8.25	6.15	-0.60	E
	6.09	5.00	6.58		
L16	6.09	-5.00	7.92	1.02	D
	6.09	-8.25	8.35		
L17	14.21	8.25	6.15	-0.60	E
	14.21	5.00	6.58		
L18	14.21	-5.00	7.92	1.02	D
	14.21	-8.25	8.35		
L19	-10.15	8.25	6.15	-0.60	E
	-10.15	5.00	6.58		
L20	-10.15	-5.00	7.92	1.02	D
	-10.15	-8.25	8.35		
L21	-4.06	8.25	6.15	-0.60	E
	-4.06	5.00	6.58		
L22	-4.06	-5.00	7.92	1.02	D
	-4.06	-8.25	8.35		
L23	-12.18	8.25	6.15	-0.60	E
	-12.18	5.00	6.58		
L24	-12.18	-5.00	7.92	1.02	D
	-12.18	-8.25	8.35		
L25	-8.12	8.25	6.15	-0.60	E
	-8.12	5.00	6.58		
L26	-8.12	-5.00	7.92	1.02	D
	-8.12	-8.25	8.35		
L27	-16.24	8.25	6.15	-0.63	E
	-16.24	5.00	6.58		
L28	-16.24	-5.00	7.92	1.08	D
	-16.24	-8.25	8.35		

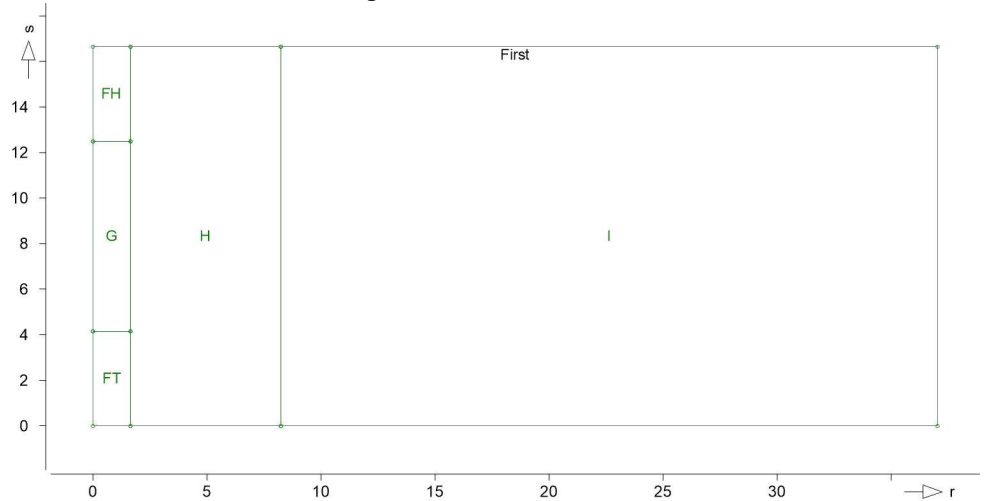
Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
L29	-2.03	8.25	6.15	-0.60	E
	-2.03	5.00	6.58		
L30	-2.03	-5.00	7.92	1.02	D
	-2.03	-8.25	8.35		
L31	-6.09	8.25	6.15	-0.60	E
	-6.09	5.00	6.58		
L32	-6.09	-5.00	7.92	1.02	D
	-6.09	-8.25	8.35		
L33	-14.21	8.25	6.15	-0.60	E
	-14.21	5.00	6.58		
L34	-14.21	-5.00	7.92	1.02	D
	-14.21	-8.25	8.35		
L35	0.00	8.25	6.15	-0.60	E
	0.00	5.00	6.58		
L36	0.00	-5.00	7.92	1.02	D
	0.00	-8.25	8.35		
L37	2.03	8.25	6.15	-0.60	E
	2.03	5.00	6.58		
L38	2.03	-5.00	7.92	1.02	D
	2.03	-8.25	8.35		

LF: 270-D

Windlasten, Anströmrichtung 270°

Lastbereiche

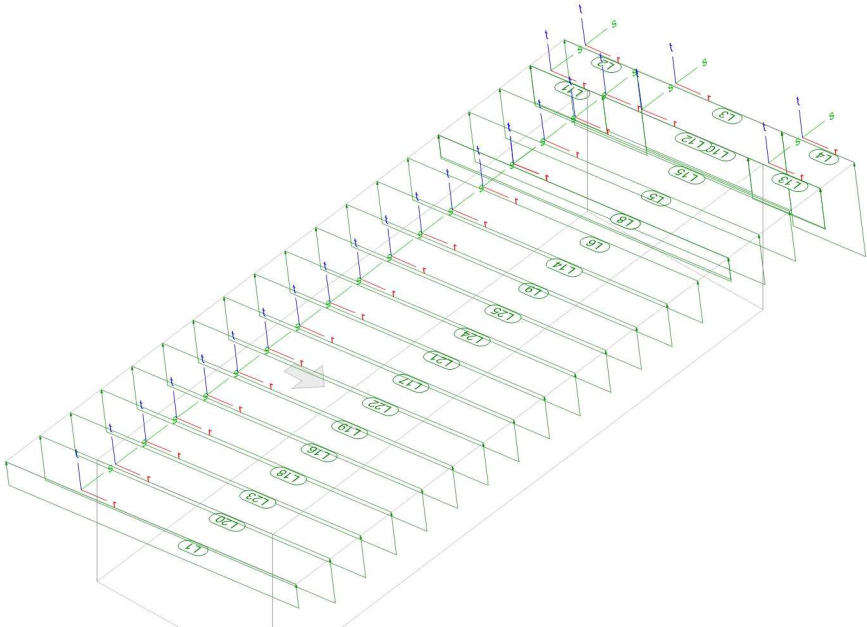
Bereiche der Windbelastung



Bereich FH	Lastgröße			pt	=	1.42	kN/m ²
	r =	1.65	1.65	0.00	0.00	m	
	s =	12.49	16.65	16.65	12.49	m	
Bereich FT	Lastgröße			pt	=	1.28	kN/m ²
	r =	1.65	1.65	0.00	0.00	m	
	s =	0.00	4.15	4.15	0.00	m	
Bereich G	Lastgröße			pt	=	1.19	kN/m ²
	r =	1.65	1.65	0.00	0.00	m	
	s =	4.15	12.49	12.49	4.15	m	
Bereich H	Lastgröße			pt	=	0.42	kN/m ²
	r =	8.24	8.24	1.65	1.65	m	
	s =	0.00	16.65	16.65	0.00	m	
Bereich I	Lastgröße			pt	=	0.36	kN/m ²
	r =	37.02	37.02	8.24	8.24	m	
	s =	0.00	16.65	16.65	0.00	m	

Verteilte Lasten

Übersicht der verteilten Lasten



Linienlasten

Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
L1	-18.49	8.25	6.15	0.41	I
	-18.49	-8.25	8.35		
L2	18.49	8.25	6.15	1.47	FT
	18.49	4.13	6.70		
L3	18.49	4.13	6.70	1.36	G
	18.49	-4.13	7.80		
L4	18.49	-4.13	7.80	1.62	FH
	18.49	-8.25	8.35		
L5	12.18	8.25	6.15	0.86	H
	12.18	-8.25	8.35		
L6	8.12	8.25	6.15	0.73	I
	8.12	-8.25	8.35		
L7	10.15	8.25	6.15	0.41	I
	10.15	-8.25	8.35		
L8	10.15	8.25	6.15	0.38	H

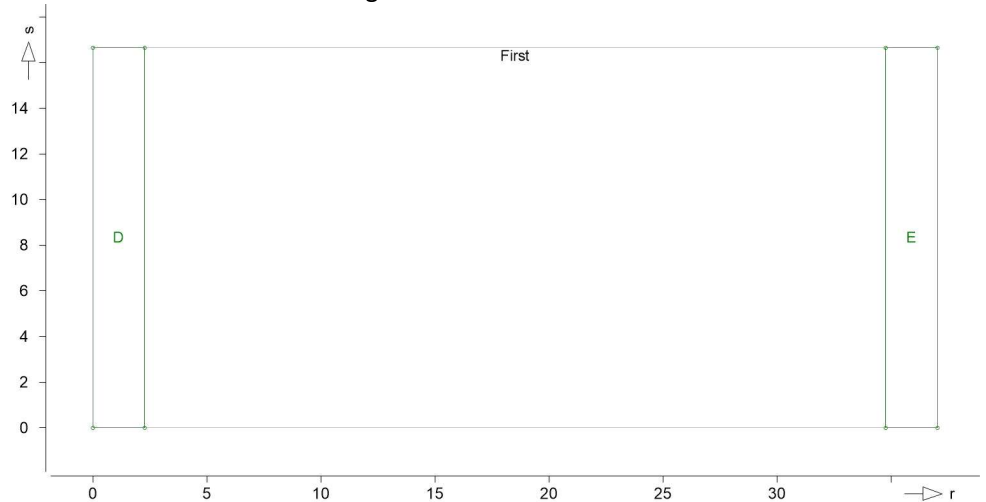
Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
	10.15	-8.25	8.35		
L9	4.06	8.25	6.15	0.73	I
	4.06	-8.25	8.35		
L10	16.24	8.25	6.15	0.69	H
	16.24	-8.25	8.35		
L11	16.24	8.25	6.15	0.64	FT
	16.24	4.13	6.70		
L12	16.24	4.13	6.70	0.60	G
	16.24	-4.13	7.80		
L13	16.24	-4.13	7.80	0.71	FH
	16.24	-8.25	8.35		
L14	6.09	8.25	6.15	0.73	I
	6.09	-8.25	8.35		
L15	14.21	8.25	6.15	0.86	H
	14.21	-8.25	8.35		
L16	-10.15	8.25	6.15	0.73	I
	-10.15	-8.25	8.35		
L17	-4.06	8.25	6.15	0.73	I
	-4.06	-8.25	8.35		
L18	-12.18	8.25	6.15	0.73	I
	-12.18	-8.25	8.35		
L19	-8.12	8.25	6.15	0.73	I
	-8.12	-8.25	8.35		
L20	-16.24	8.25	6.15	0.77	I
	-16.24	-8.25	8.35		
L21	-2.03	8.25	6.15	0.73	I
	-2.03	-8.25	8.35		
L22	-6.09	8.25	6.15	0.73	I
	-6.09	-8.25	8.35		
L23	-14.21	8.25	6.15	0.73	I
	-14.21	-8.25	8.35		
L24	0.00	8.25	6.15	0.73	I
	0.00	-8.25	8.35		
L25	2.03	8.25	6.15	0.73	I
	2.03	-8.25	8.35		

LF: 270-U

Windlasten, Anströmrichtung 270°

Lastbereiche

Bereiche der Windbelastung



Bereich D

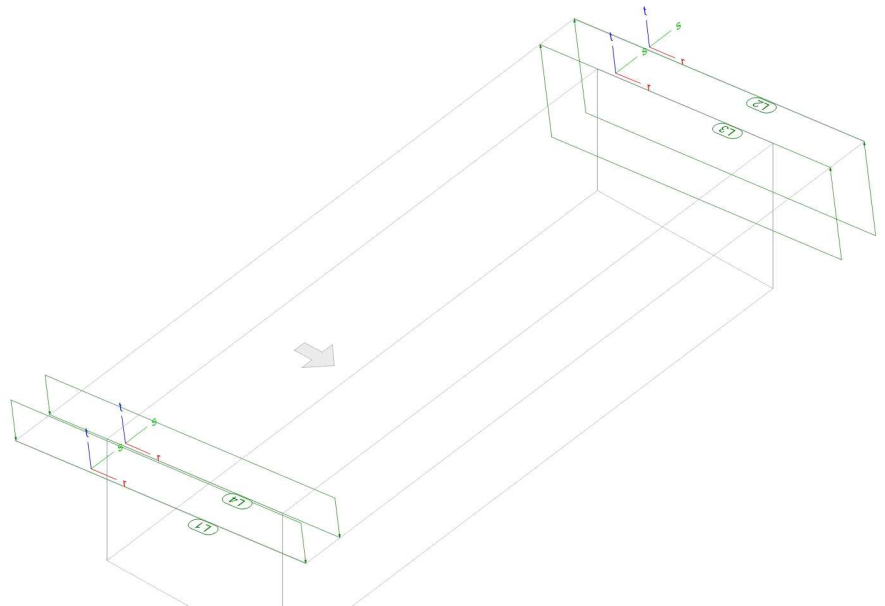
Lastgröße					pt	=	0.46	kN/m ²
r	=	0.00	2.27	2.27	0.00	m		
s	=	0.00	0.00	16.65	16.65	m		

Bereich E

Lastgröße					pt	=	-0.20	kN/m ²
r	=	37.02	37.02	34.75	34.75	m		
s	=	0.00	16.65	16.65	0.00	m		

Verteilte Lasten

Übersicht der verteilten Lasten



Linienlasten

Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
L1	-18.49 -18.49	8.25 -8.25	6.15 8.35	-0.22	E
L2	18.49 18.49	8.25 -8.25	6.15 8.35	0.52	D
L3	16.24 16.24	8.25 -8.25	6.15 8.35	0.51	D

Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]	WB
L4	-16.24 -16.24	8.25 -8.25	6.15 8.35	-0.22	E

Schneelasten

Belastungen infolge Schnee und Eis

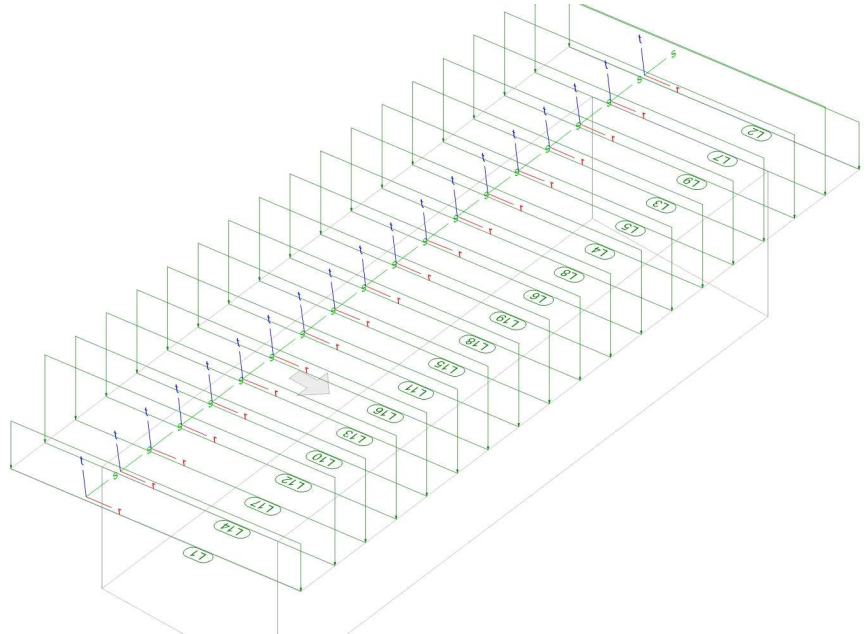
LF: (Qk.S)-A

Schneelasten, Lastbild (a)

- Volllast auf linker und rechter Dachfläche

Verteilte Lasten

Übersicht der verteilten Lasten



Linienlasten

Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]
L1	-18.49 -18.49	8.25 -8.25	6.15 8.35	-1.38
L2	18.49 18.49	8.25 -8.25	6.15 8.35	-1.38
L3	12.18 12.18	8.25 -8.25	6.15 8.35	-2.44
L4	8.12 8.12	8.25 -8.25	6.15 8.35	-2.44
L5	10.15 10.15	8.25 -8.25	6.15 8.35	-2.44
L6	4.06 4.06	8.25 -8.25	6.15 8.35	-2.44
L7	16.24 16.24	8.25 -8.25	6.15 8.35	-2.58
L8	6.09 6.09	8.25 -8.25	6.15 8.35	-2.44
L9	14.21 14.21	8.25 -8.25	6.15 8.35	-2.44
L10	-10.15 -10.15	8.25 -8.25	6.15 8.35	-2.44
L11	-4.06 -4.06	8.25 -8.25	6.15 8.35	-2.44
L12	-12.18 -12.18	8.25 -8.25	6.15 8.35	-2.44
L13	-8.12	8.25	6.15	-2.44

Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]
L14	-8.12 -16.24 -16.24	-8.25 8.25 -8.25	8.35 6.15 8.35	-2.58
L15	-2.03 -2.03	8.25 -8.25	6.15 8.35	-2.44
L16	-6.09 -6.09	8.25 -8.25	6.15 8.35	-2.44
L17	-14.21 -14.21	8.25 -8.25	6.15 8.35	-2.44
L18	0.00 0.00	8.25 -8.25	6.15 8.35	-2.44
L19	2.03 2.03	8.25 -8.25	6.15 8.35	-2.44

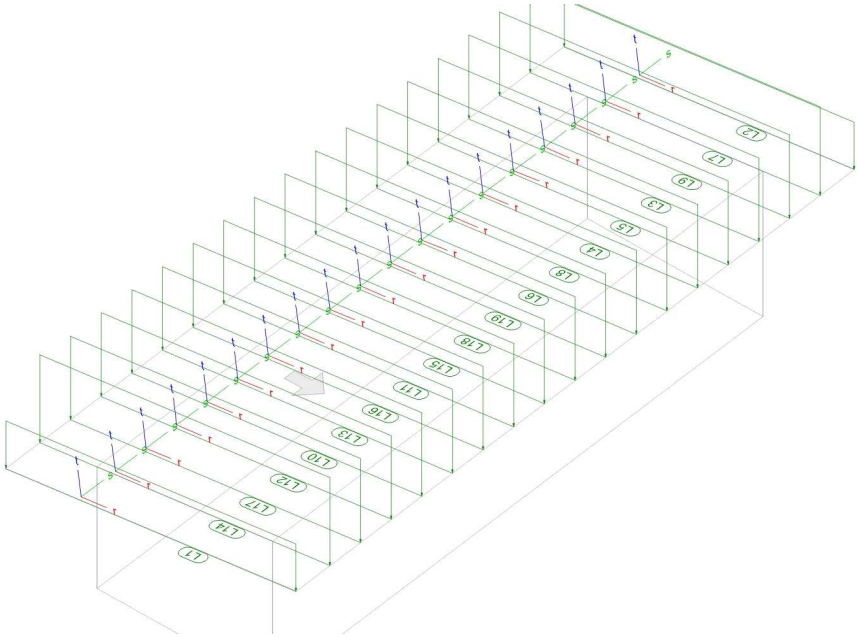
LF: (Qk.S)-B

Schneelasten, Lastbild (b)

- Halbe Last auf linker Dachfläche

Verteilte Lasten

Übersicht der verteilten Lasten



Linienlasten

Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]
L1	-18.49 -18.49	8.25 -8.25	6.15 8.35	-1.38
L2	18.49 18.49	8.25 -8.25	6.15 8.35	-1.38
L3	12.18 12.18	8.25 -8.25	6.15 8.35	-2.44
L4	8.12 8.12	8.25 -8.25	6.15 8.35	-2.44
L5	10.15	8.25	6.15	-2.44

Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]
	10.15	-8.25	8.35	
L6	4.06	8.25	6.15	-2.44
	4.06	-8.25	8.35	
L7	16.24	8.25	6.15	-2.58
	16.24	-8.25	8.35	
L8	6.09	8.25	6.15	-2.44
	6.09	-8.25	8.35	
L9	14.21	8.25	6.15	-2.44
	14.21	-8.25	8.35	
L10	-10.15	8.25	6.15	-2.44
	-10.15	-8.25	8.35	
L11	-4.06	8.25	6.15	-2.44
	-4.06	-8.25	8.35	
L12	-12.18	8.25	6.15	-2.44
	-12.18	-8.25	8.35	
L13	-8.12	8.25	6.15	-2.44
	-8.12	-8.25	8.35	
L14	-16.24	8.25	6.15	-2.58
	-16.24	-8.25	8.35	
L15	-2.03	8.25	6.15	-2.44
	-2.03	-8.25	8.35	
L16	-6.09	8.25	6.15	-2.44
	-6.09	-8.25	8.35	
L17	-14.21	8.25	6.15	-2.44
	-14.21	-8.25	8.35	
L18	0.00	8.25	6.15	-2.44
	0.00	-8.25	8.35	
L19	2.03	8.25	6.15	-2.44
	2.03	-8.25	8.35	

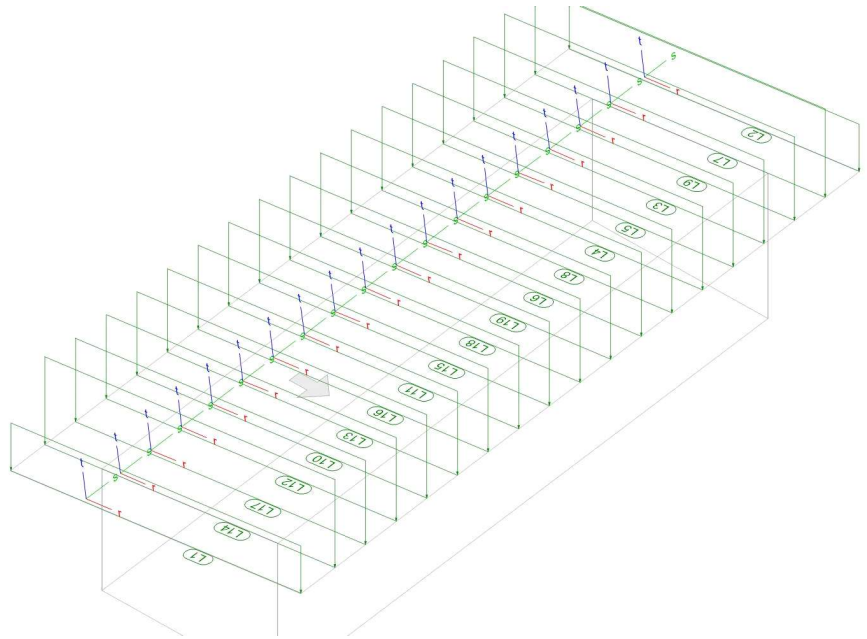
LF: (Qk.S)-C

Schneelasten, Lastbild (c)

- Volllast auf linker Dachfläche

Verteilte Lasten

Übersicht der verteilten Lasten

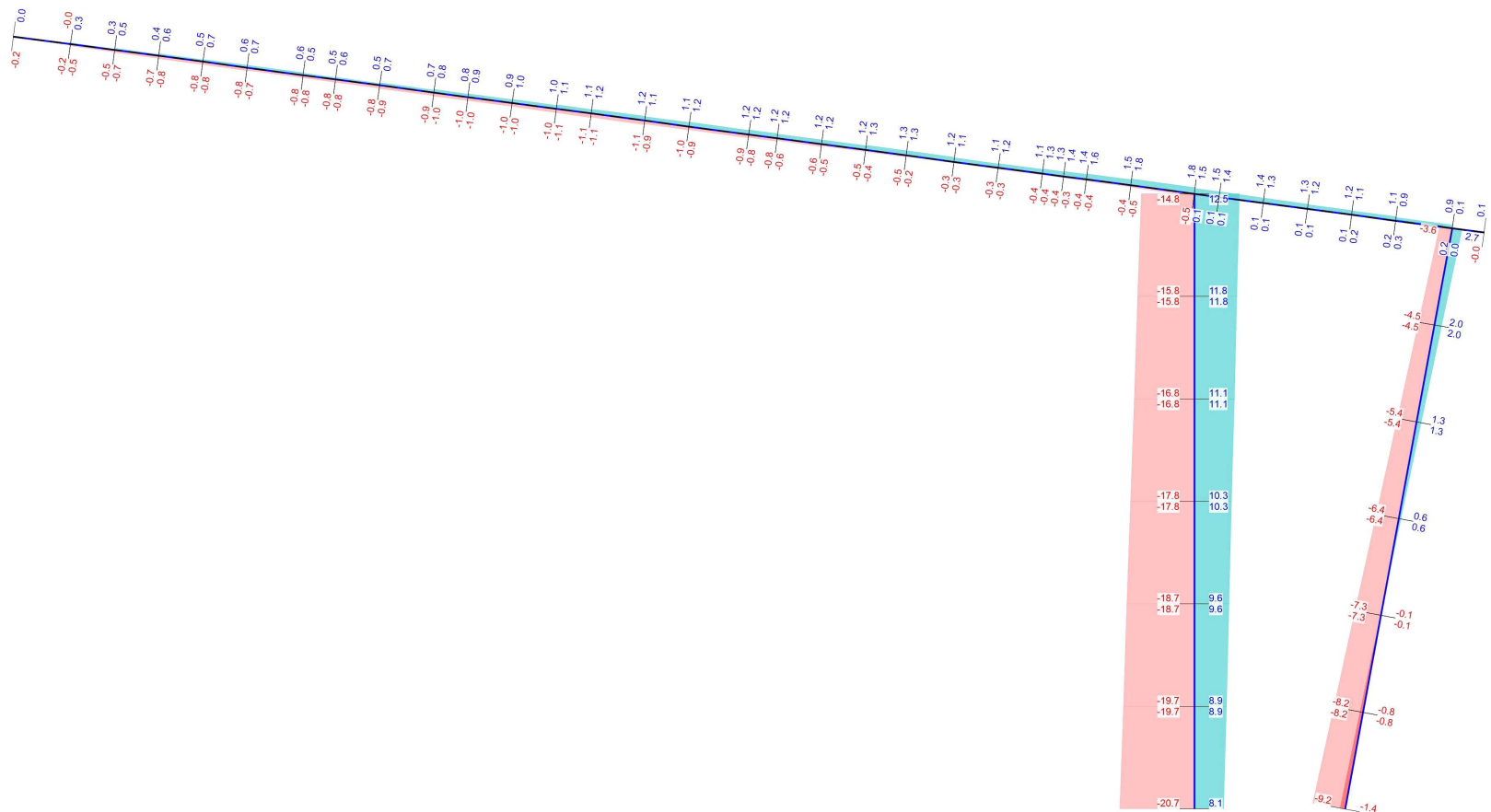


Linienlasten

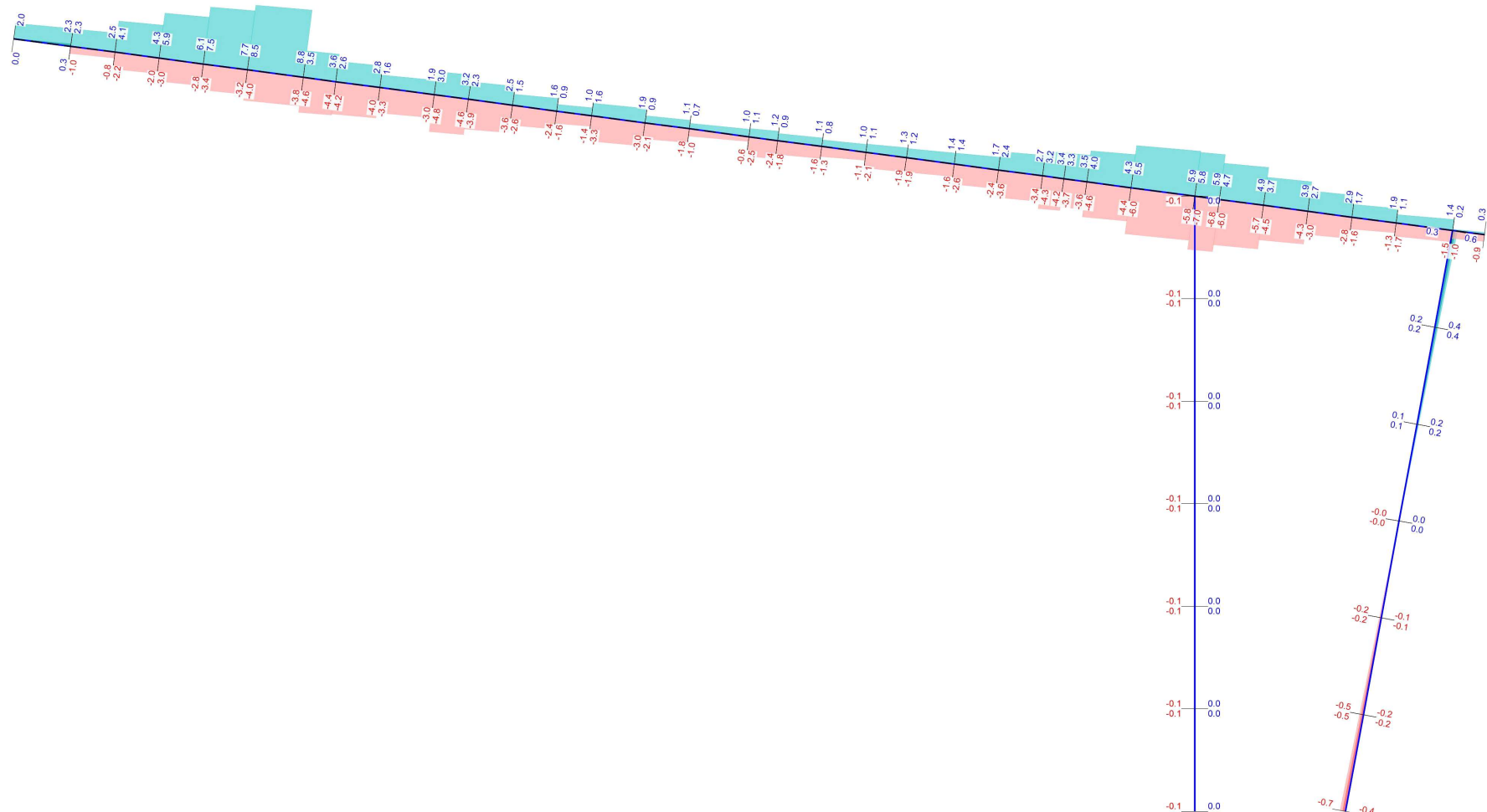
Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]
L1	-18.49 -18.49	8.25 -8.25	6.15 8.35	-1.38
L2	18.49 18.49	8.25 -8.25	6.15 8.35	-1.38
L3	12.18 12.18	8.25 -8.25	6.15 8.35	-2.44
L4	8.12 8.12	8.25 -8.25	6.15 8.35	-2.44
L5	10.15 10.15	8.25 -8.25	6.15 8.35	-2.44
L6	4.06 4.06	8.25 -8.25	6.15 8.35	-2.44
L7	16.24 16.24	8.25 -8.25	6.15 8.35	-2.58
L8	6.09 6.09	8.25 -8.25	6.15 8.35	-2.44
L9	14.21 14.21	8.25 -8.25	6.15 8.35	-2.44
L10	-10.15 -10.15	8.25 -8.25	6.15 8.35	-2.44
L11	-4.06 -4.06	8.25 -8.25	6.15 8.35	-2.44
L12	-12.18 -12.18	8.25 -8.25	6.15 8.35	-2.44
L13	-8.12 -8.12	8.25 -8.25	6.15 8.35	-2.44
L14	-16.24 -16.24	8.25 -8.25	6.15 8.35	-2.58
L15	-2.03 -2.03	8.25 -8.25	6.15 8.35	-2.44

Bez.	x1 x2 [m]	y1 y2 [m]	z1 z2 [m]	Last [kN/m]
L16	-6.09 -6.09	8.25 -8.25	6.15 8.35	-2.44
L17	-14.21 -14.21	8.25 -8.25	6.15 8.35	-2.44
L18	0.00 0.00	8.25 -8.25	6.15 8.35	-2.44
L19	2.03 2.03	8.25 -8.25	6.15 8.35	-2.44

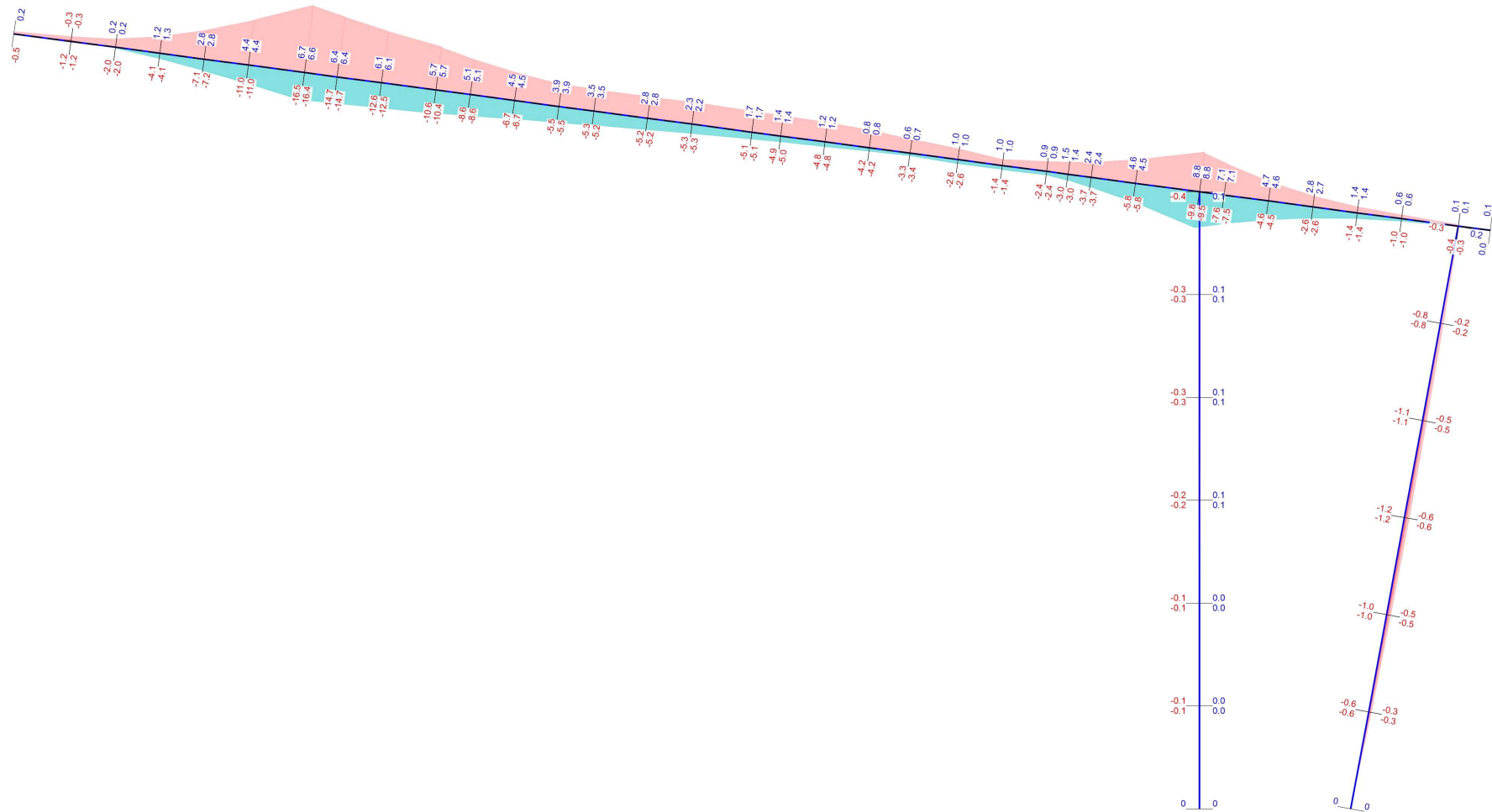
Achse A



Balkenschnittgrößen	Normalkraft N in [kN]	G + S ARGE	Position	S1 Stabwerk nach Theorie II. Ordnung (GZT)	Maßstab: 1:55
aus MIN/MAX-Suche über alle LKN Max = 12.5, Min = -20.7 >>nur Gruppe 'Rahmen Achse A' sichtbar<<			Bauvorhaben	24-05-16-KYF-EBW Kyffhäuser Eingangsbauwerk	
			ARGE Göhring -Satzler Planplatz 10 99706 Sondershausen		Datum 17.05.2024
					Seite 253

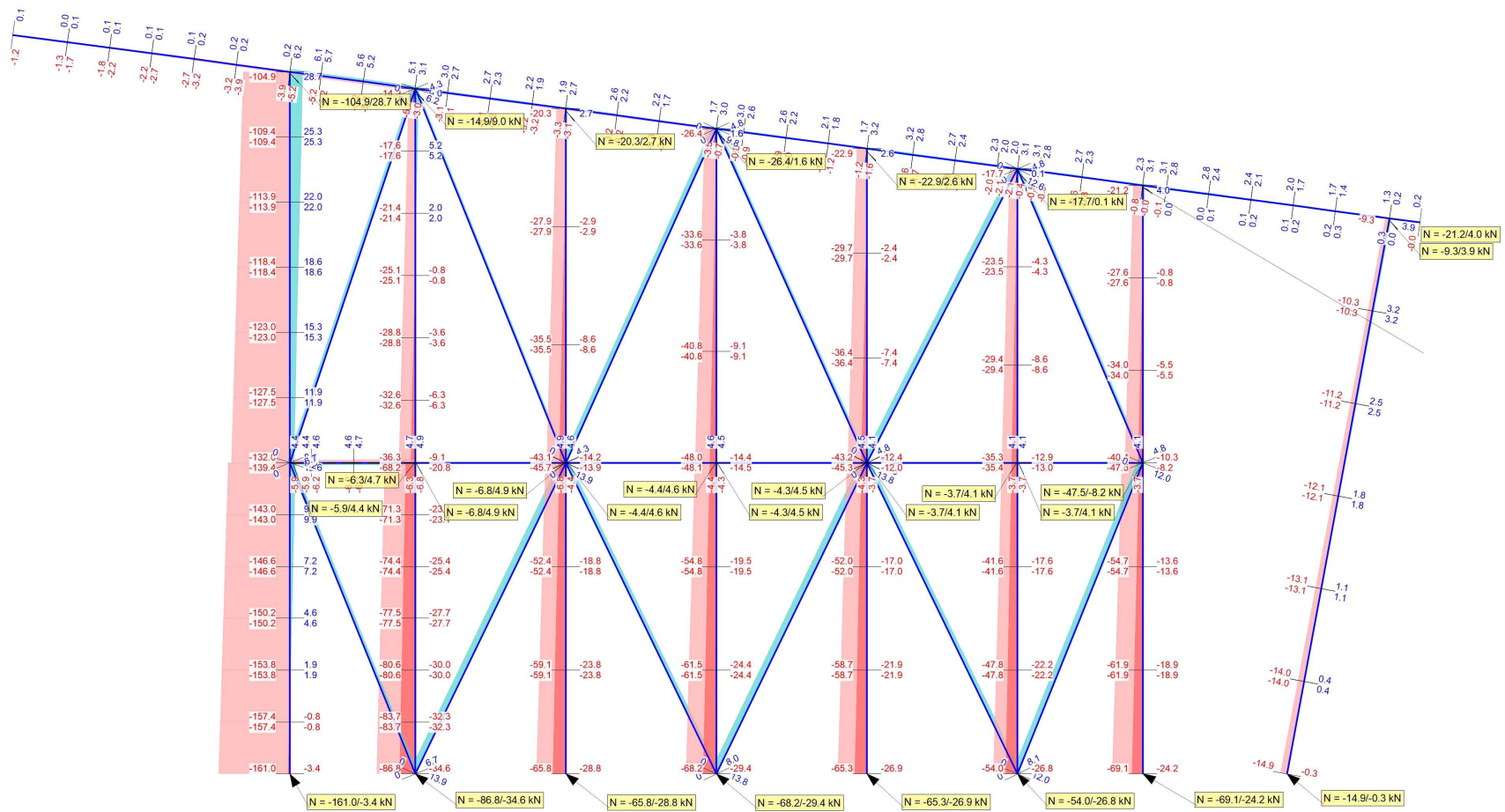


Balkenschnittgrößen	Querkraft Vs in [kN]	G + S ARGE	Position S1 Stabwerk nach Theorie II. Ordnung (GZT)	Maßstab: 1:50
aus MIN/MAX-Suche über alle LKN Max = 8.8, Min = -7.0 >>nur Gruppe 'Rahmen Achse A' sichtbar<<	Bauvorhaben 24-05-16-KYF-EBW Kyffhäuser Eingangsbauwerk		Datum 17.05.2024	
ARGE Göhring -Satzter Planplatz 10 99706 Sondershausen			Seite 254	

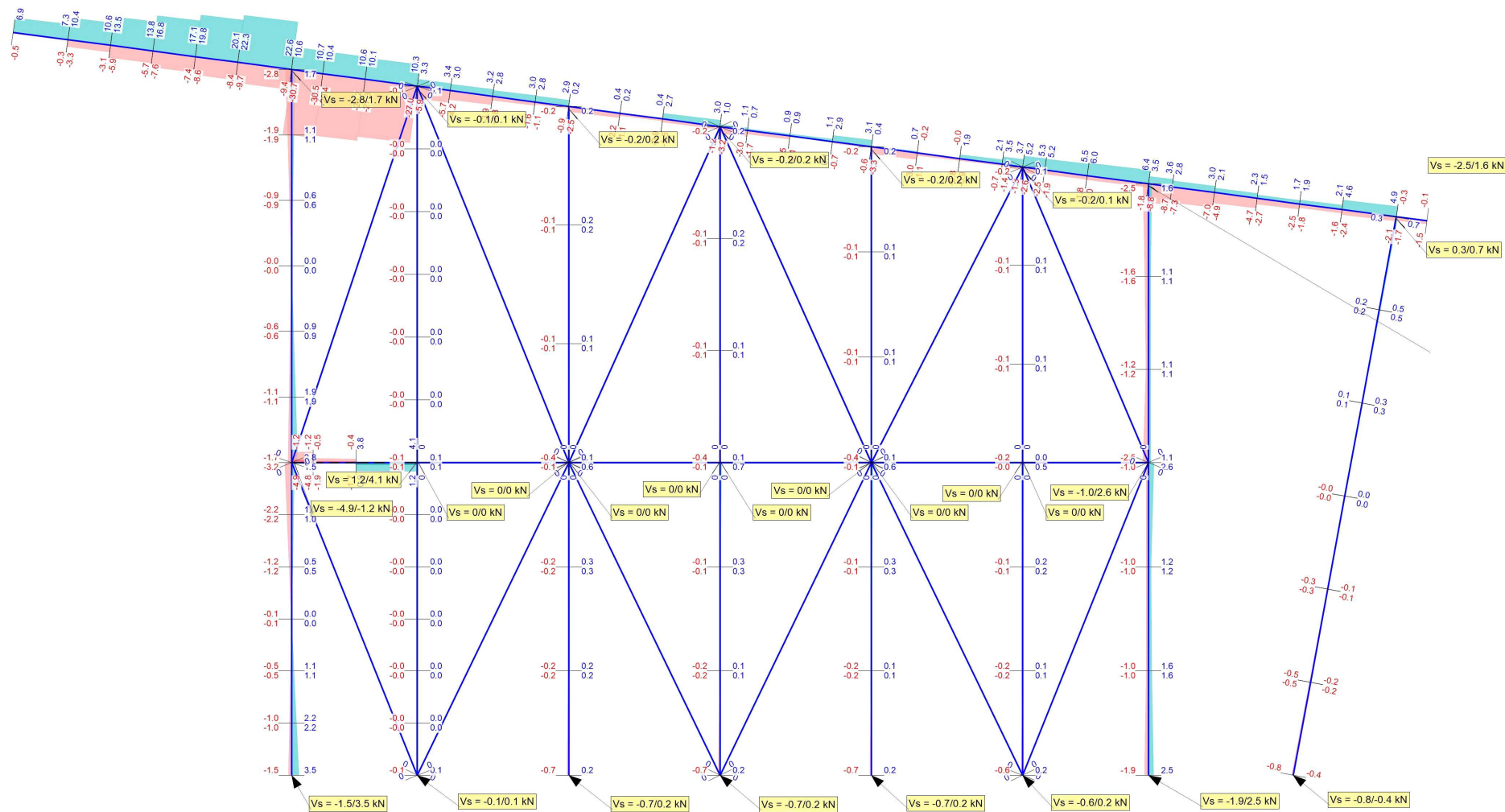


Balkenschnittgrößen		Moment Mt in [kNm]	G + S ARGE	Position	S1 Stabwerk nach Theorie II. Ordnung (GZT)	Maßstab: 1:50
aus MIN/MAX-Suche über alle LKN				Bauvorhaben	24-05-16-KYF-EBW	Datum 17.05.2024
Max = 8.8, Min = -16.5				Kyffhäuser Eingangsbauwerk		Seite 255
>>nur Gruppe 'Rahmen Achse A' sichtbar<<				Arge Göhring -Satzter Planplatz 10 99706 Sondershausen		

Achse B



Balkenschnittgrößen	Normalkraft N in [kN]	G + S ARGE	Position S1 Stabwerk nach Theorie II. Ordnung (GZT)	Maßstab: 1:55
aus MIN/MAX-Suche über alle LKN Max = 28.7, Min = -161.0 >>nur Gruppe 'Rahmen Achse B' sichtbar<<			Bauvorhaben 24-05-16-KYF-EBW Kyffhäuser Eingangsbauwerk	Datum 17.05.2024
			Arge Göhring -Satzter Planplatz 10 99706 Sondershausen	Seite 257



Balkenschnittgrößen

Querkraft V_s in [kN]

aus MIN/MAX-Suche über alle LKN

Max = 22.6, Min = -30.7

>>nur Gruppe 'Rahmen Achse B' sichtbar<<



Position S1 Stabwerk nach Theorie II. Ordnung (GZT)

Bauvorhaben 24-05-16-KYF-EBW

Kyffhäuser Eingangsbauwerk

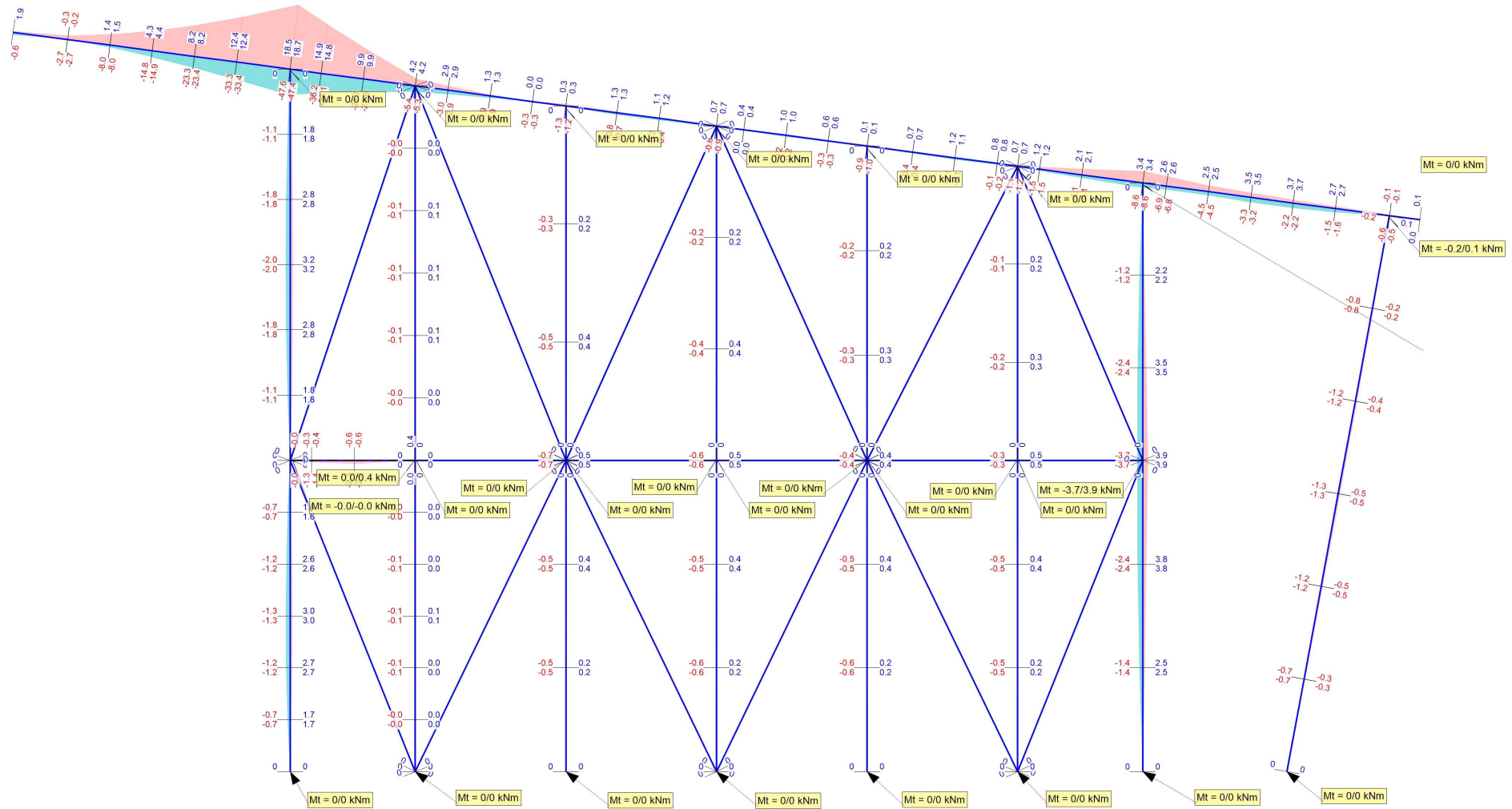
Maßstab: 1:50

Datum 17.05.2024

ARGE Göhring -Satzter Planplatz 10 99706 Sondershausen

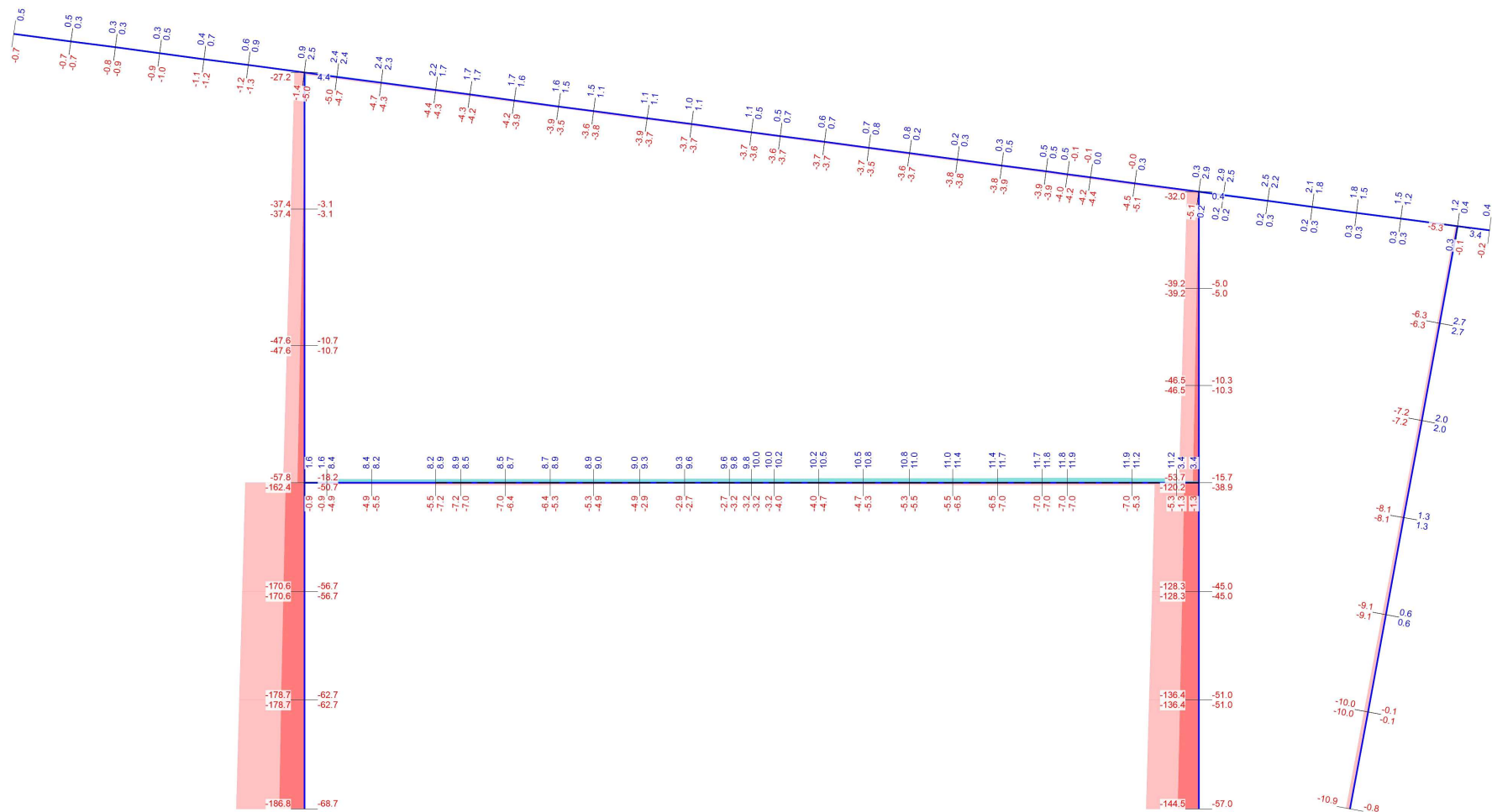
Seite 258

MicroFe 2024.014



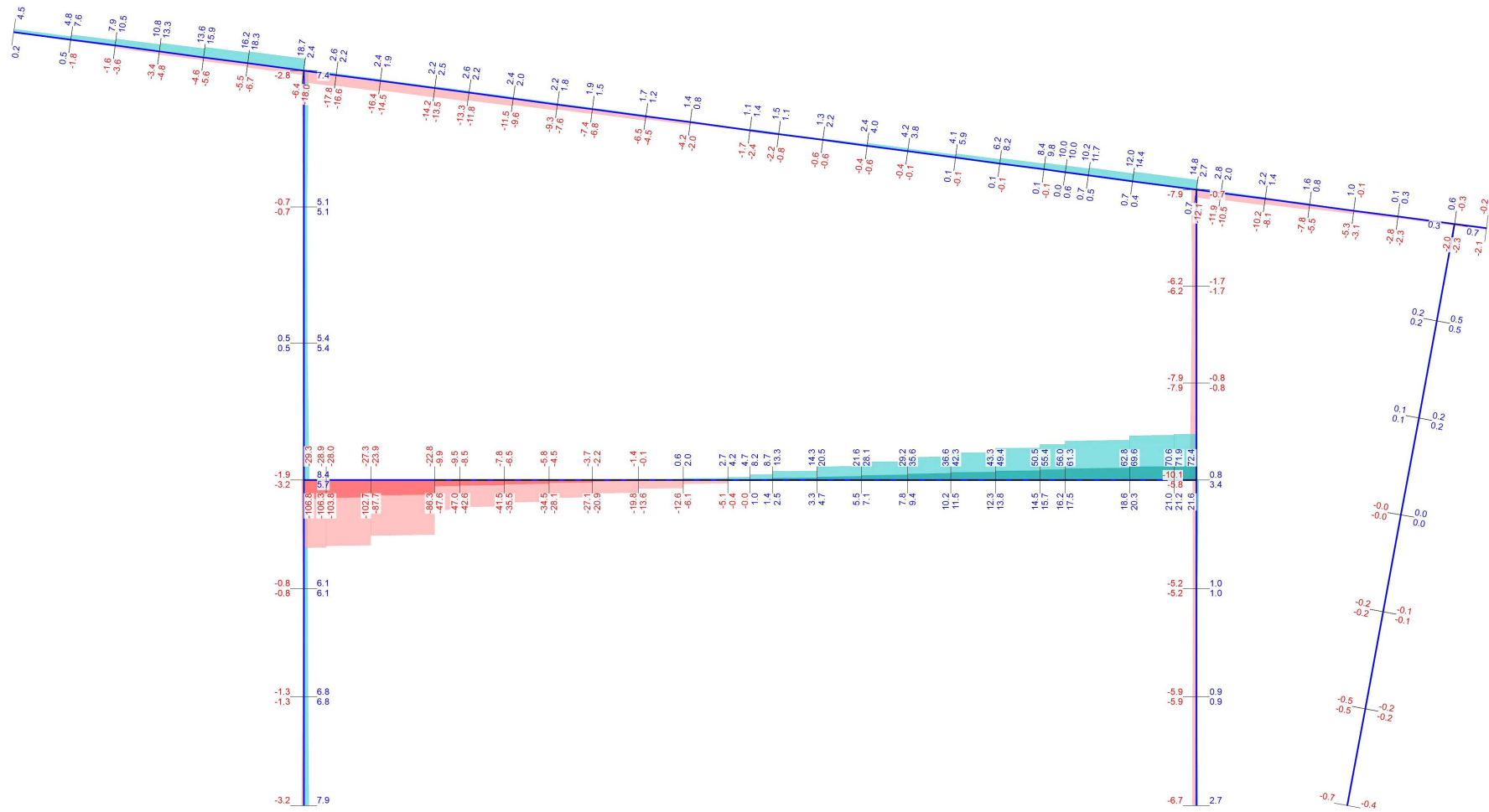
Balkenschnittgrößen	Moment Mt in [kNm]	G + S ARGE	Position S1 Stabwerk nach Theorie II. Ordnung (GZT)	Maßstab: 1:50
aus MIN/MAX-Suche über alle LKN Max = 18.7, Min = -47.6 >>nur Gruppe 'Rahmen Achse B' sichtbar<<			Bauvorhaben 24-05-16-KYF-EBW Kyffhäuser Eingangsbauwerk	Datum 17.05.2024
			Arge Göhring -Satzter Planplatz 10 99706 Sondershausen	Seite 259

Achse C



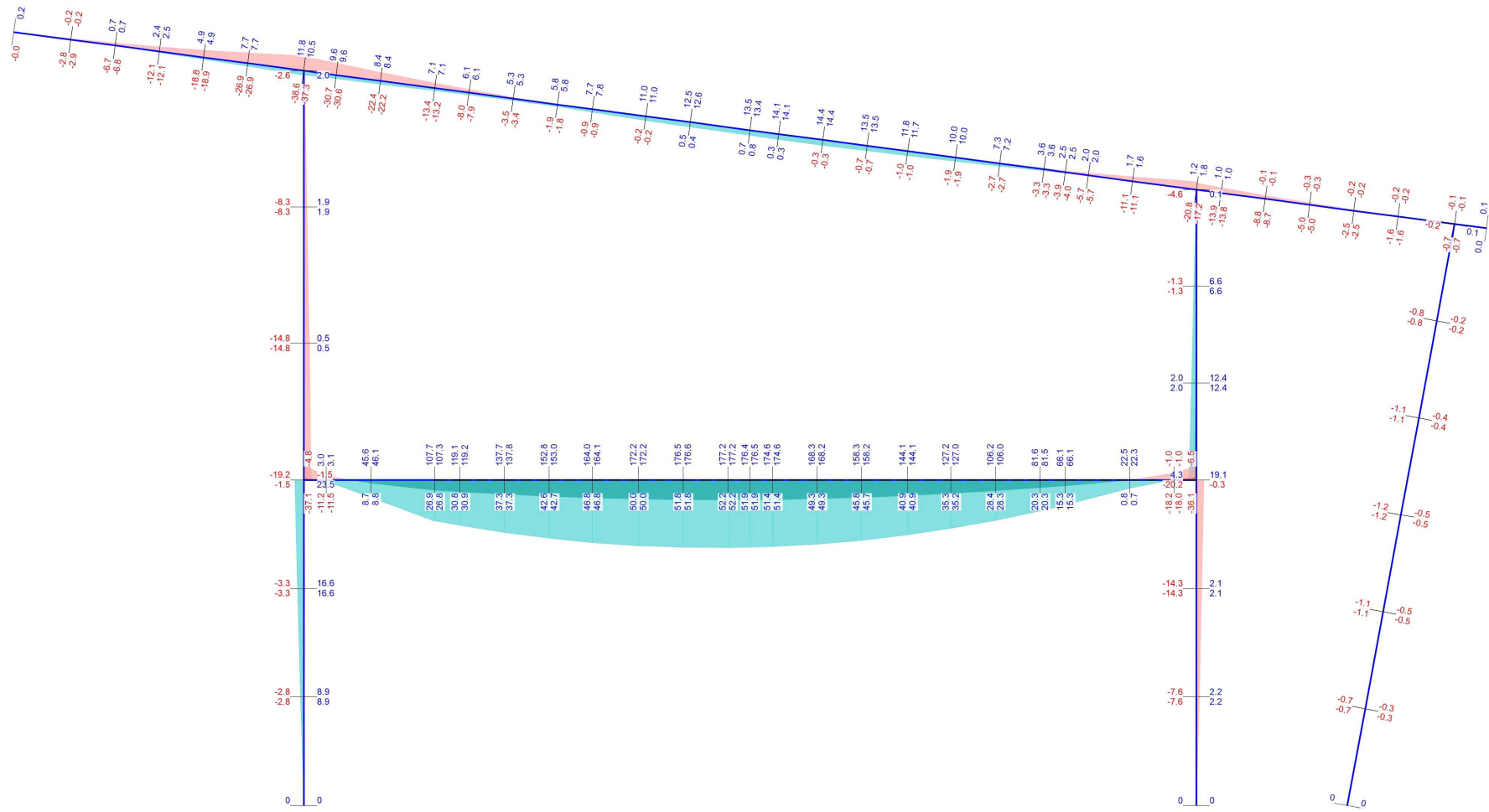
Balkenschnittgrößen		Normalkraft N in [kN]	G + S ARGE	Position	S1 Stabwerk nach Theorie II. Ordnung (GZT)	Maßstab: 1:50
aus MIN/MAX-Suche über alle LKN		Max = 11.9, Min = -186.8		Bauvorhaben	24-05-16-KYF-EBW Kyffhäuser Eingangsbauwerk	
>>nur Gruppe 'Rahmen Achse C' sichtbar<<			Arge Göhring -Satzter Planplatz 10 99706 Sondershausen			Datum 17.05.2024
						Seite 261

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Balkenschnittgrößen		Querkraft Vs in [kN]	G + S ARGE	Position	S1 Stabwerk nach Theorie II. Ordnung (GZT)	Maßstab: 1:50
aus MIN/MAX-Suche über alle LKN				Bauvorhaben	24-05-16-KYF-EBW	
Max = 72.4, Min = -106.8				Kyffhäuser Eingangsbauwerk		Datum 17.05.2024
>>nur Gruppe 'Rahmen Achse C' sichtbar<<				Arge Göhring -Satzter Planplatz 10 99706 Sondershausen		Seite 262

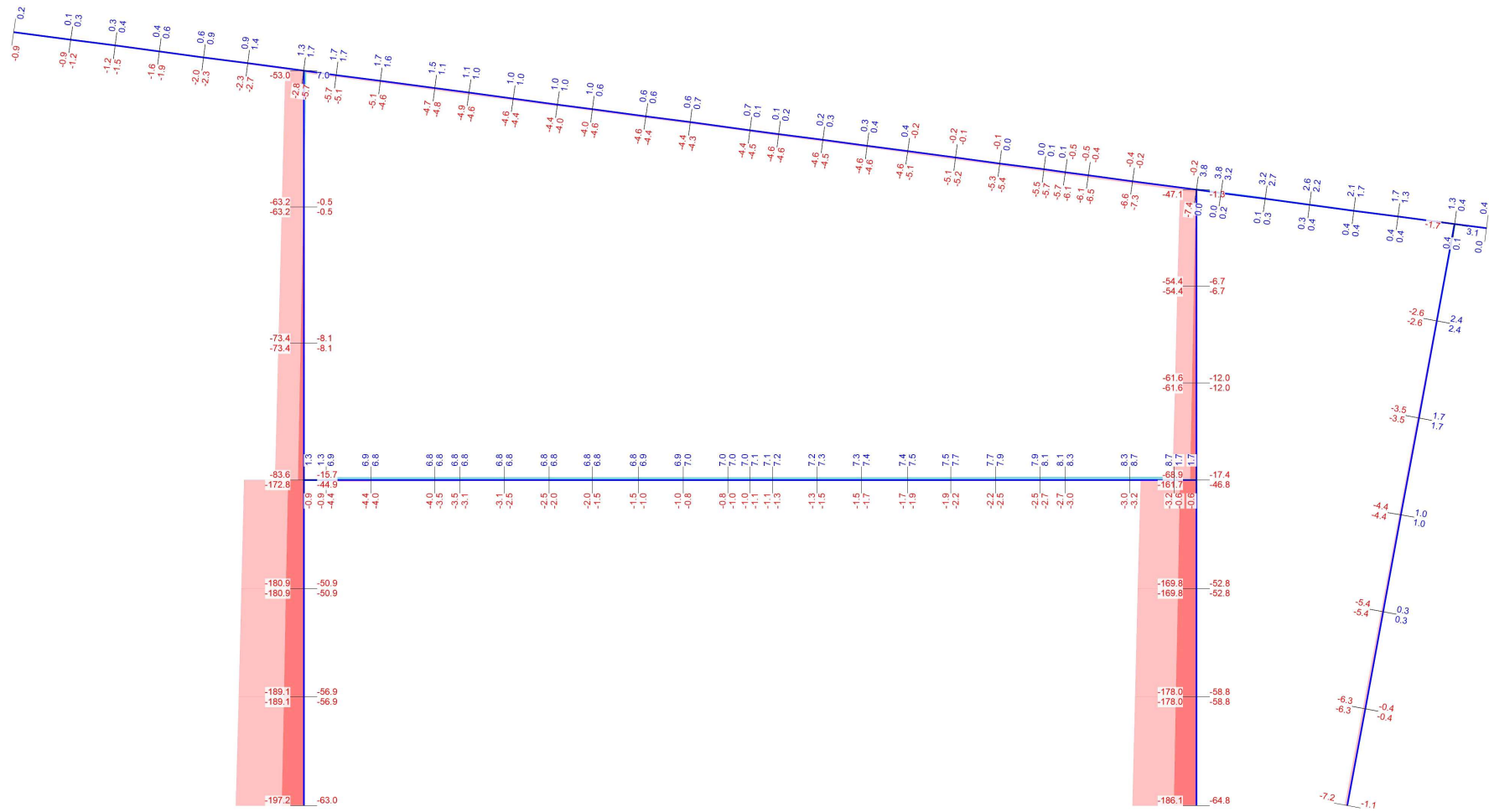
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Balkenschnittgrößen	Moment Mt in [kNm]		Position	S1 Stabwerk nach Theorie II. Ordnung (GZT)	Maßstab: 1:50	
aus MIN/MAX-Suche über alle LKN Max = 177.2, Min = -38.6 >>nur Gruppe 'Rahmen Achse C' sichtbar<<			Bauvorhaben	24-05-16-KYF-EBW Kyffhäuser Eingangsbauwerk		Datum 17.05.2024
			ARGE Göhring -Satzter Planplatz 10 99706 Sondershausen			
			Seite 263			

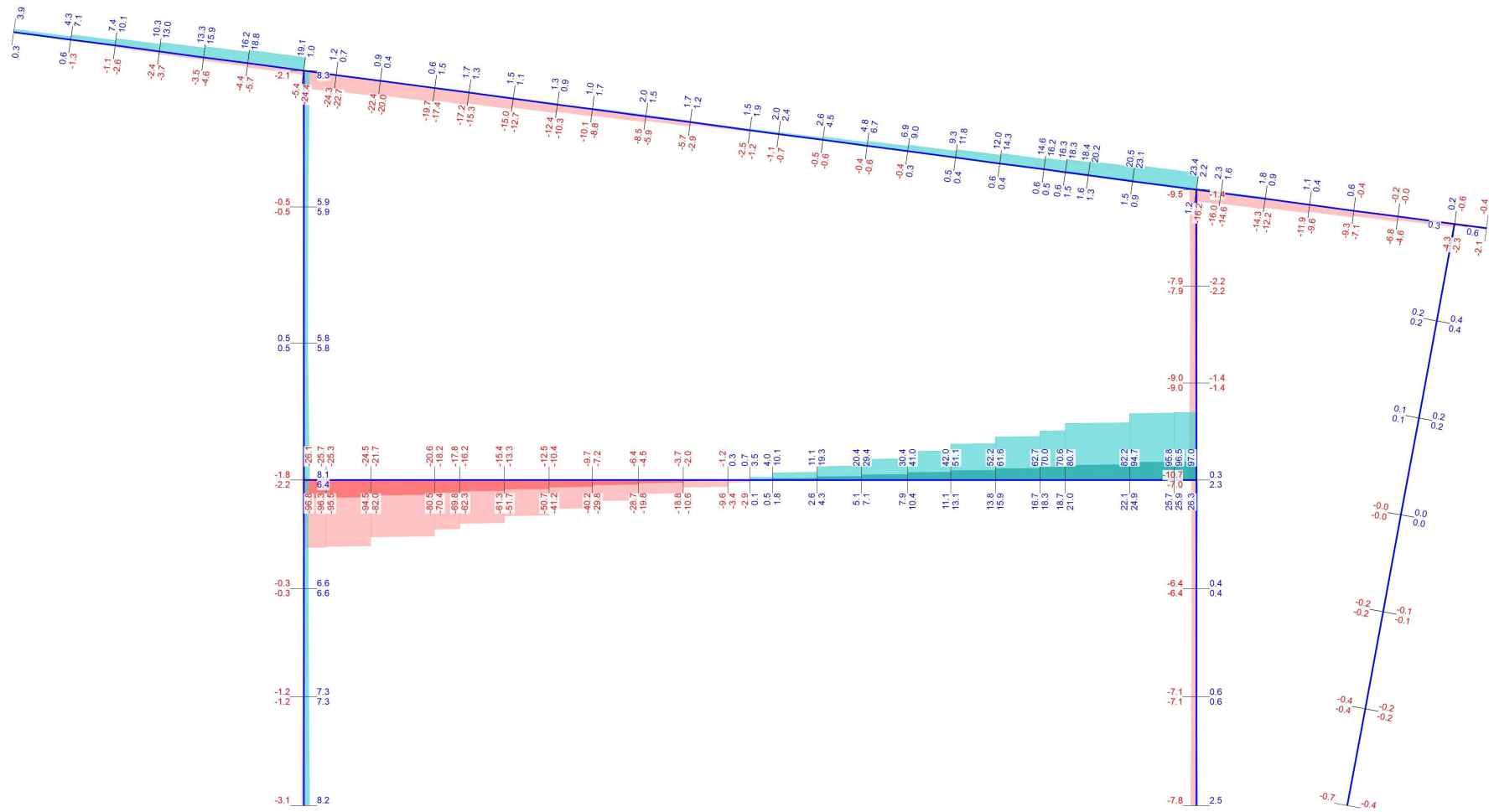
Achse D

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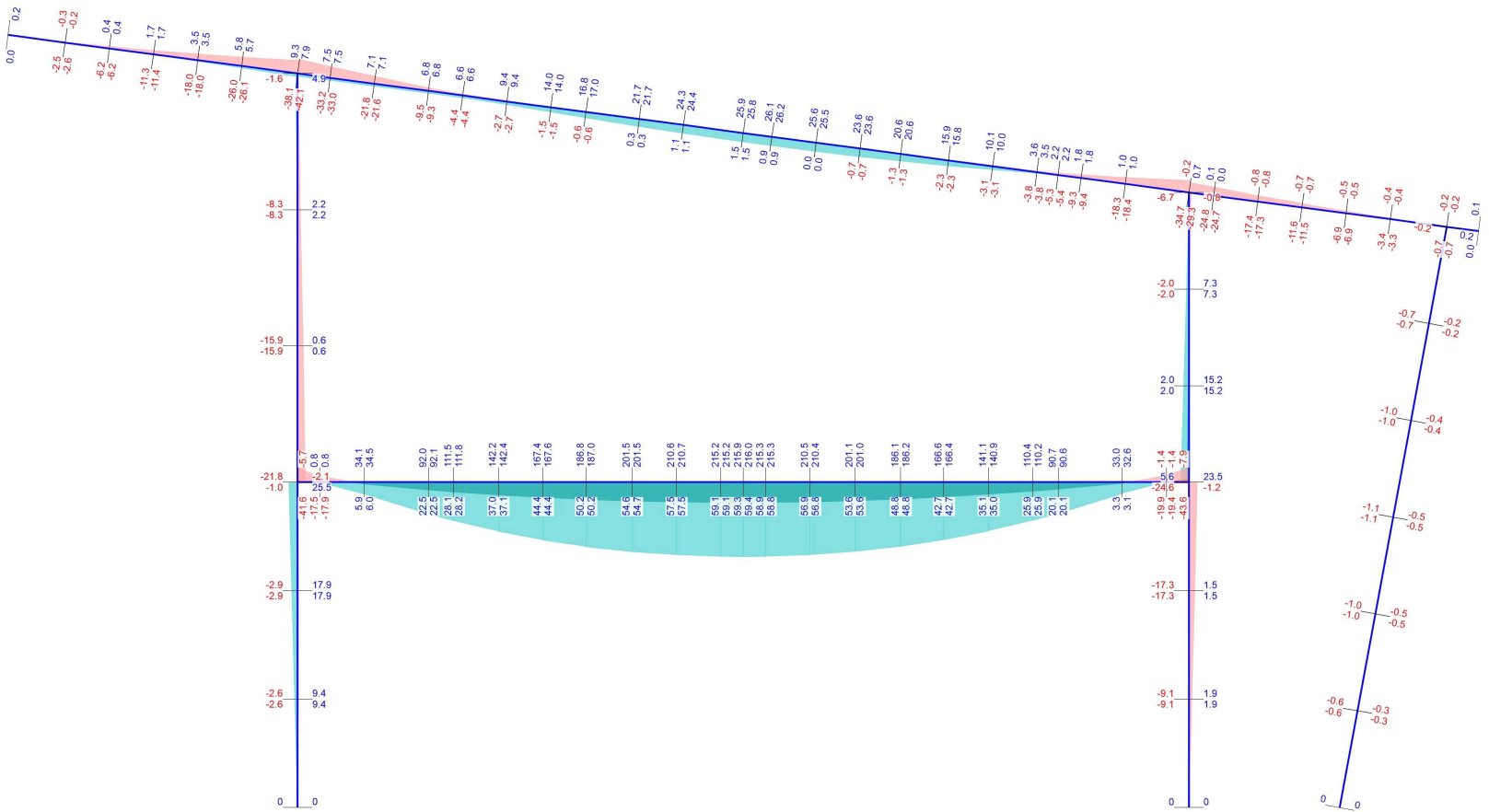


Balkenschnittgrößen		Normalkraft N in [kN]	G + S ARGE	Position	S1 Stabwerk nach Theorie II. Ordnung (GZT)	Maßstab: 1:50
aus MIN/MAX-Suche über alle LKN				Bauvorhaben	24-05-16-KYF-EBW	
Max = 8.7, Min = -197.2				Kyffhäuser Eingangsbauwerk		Datum 17.05.2024
>>nur Gruppe 'Rahmen Achse D' sichtbar<<				Arge Göhring -Satzter Planplatz 10 99706 Sondershausen		Seite 265

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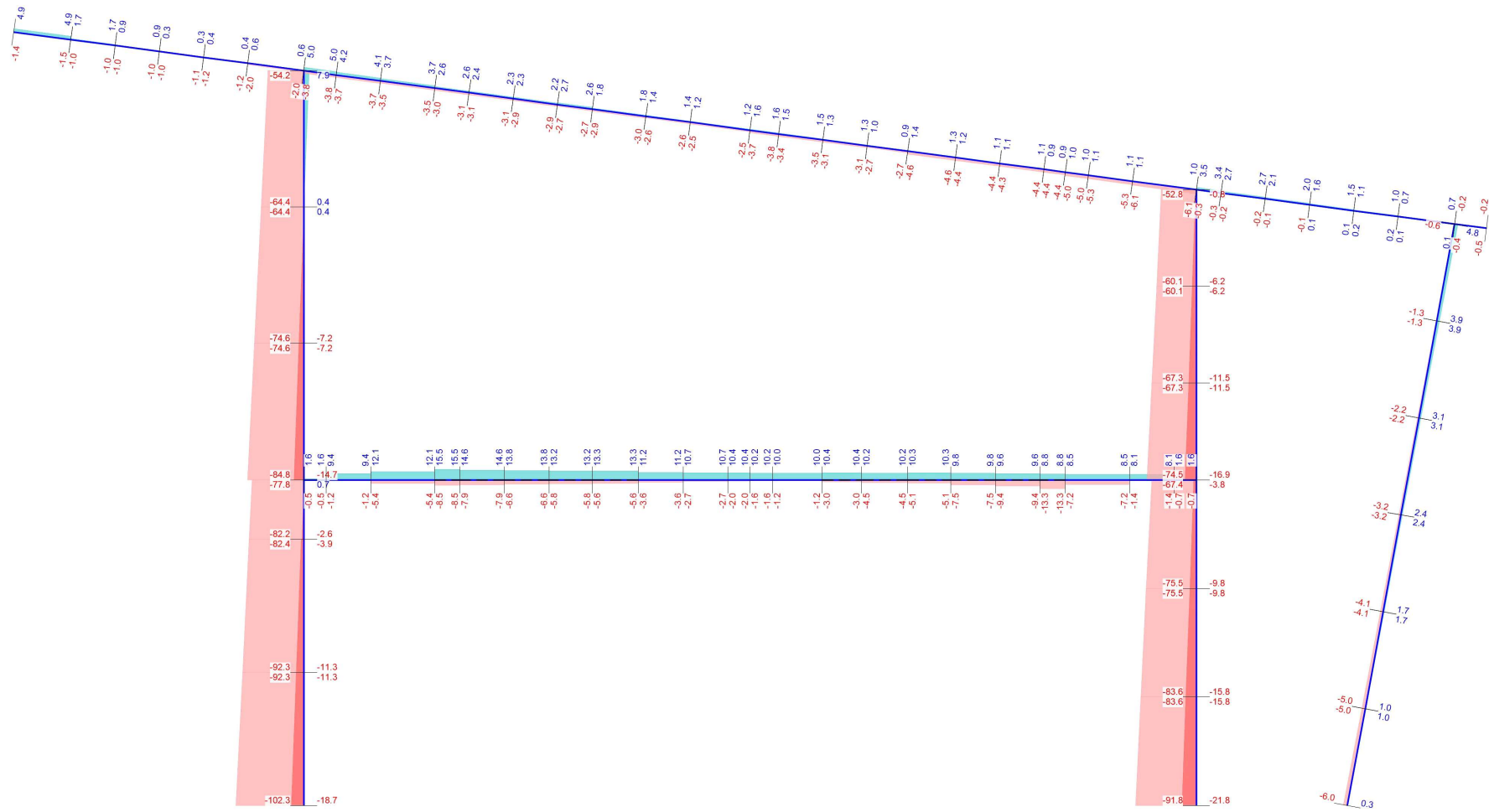
Balkenschnittgrößen	Querkraft Vs in [kN]	G + S ARGE	Position S1 Stabwerk nach Theorie II. Ordnung (GZT)	Maßstab: 1:50
aus MIN/MAX-Suche über alle LKN Max = 97.0, Min = -96.8 >>nur Gruppe 'Rahmen Achse D' sichtbar<<	Bauvorhaben 24-05-16-KYF-EBW Kyffhäuser Eingangsbauwerk		Datum 17.05.2024	
ARGE Göhring -Satzter Planplatz 10 99706 Sondershausen			Seite 266	



Balkenschnittgrößen	Moment Mt in [kNm]	G + S ARGE	Position	S1 Stabwerk nach Theorie II. Ordnung (GZT)	Maßstab: 1:55	
aus MIN/MAX-Suche über alle LKN Max = 216.0, Min = -43.6 >>nur Gruppe 'Rahmen Achse D' sichtbar<<	Bauvorhaben		24-05-16-KYF-EBW Kyffhäuser Eingangsbauwerk			
ARGE Göhring -Satzter			Planplatz 10 99706 Sondershausen	Datum	17.05.2024	
					Seite	267

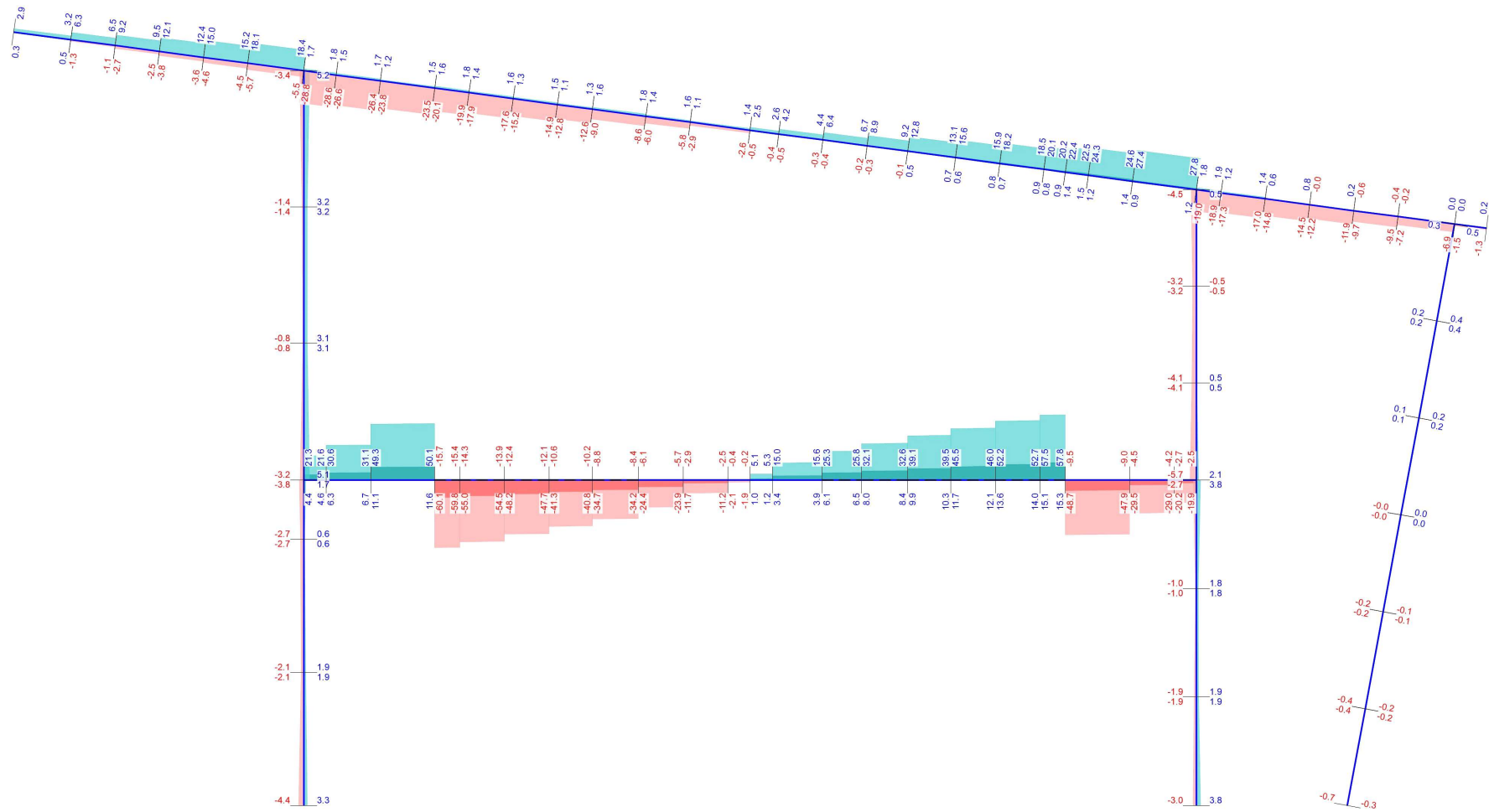
Achse E

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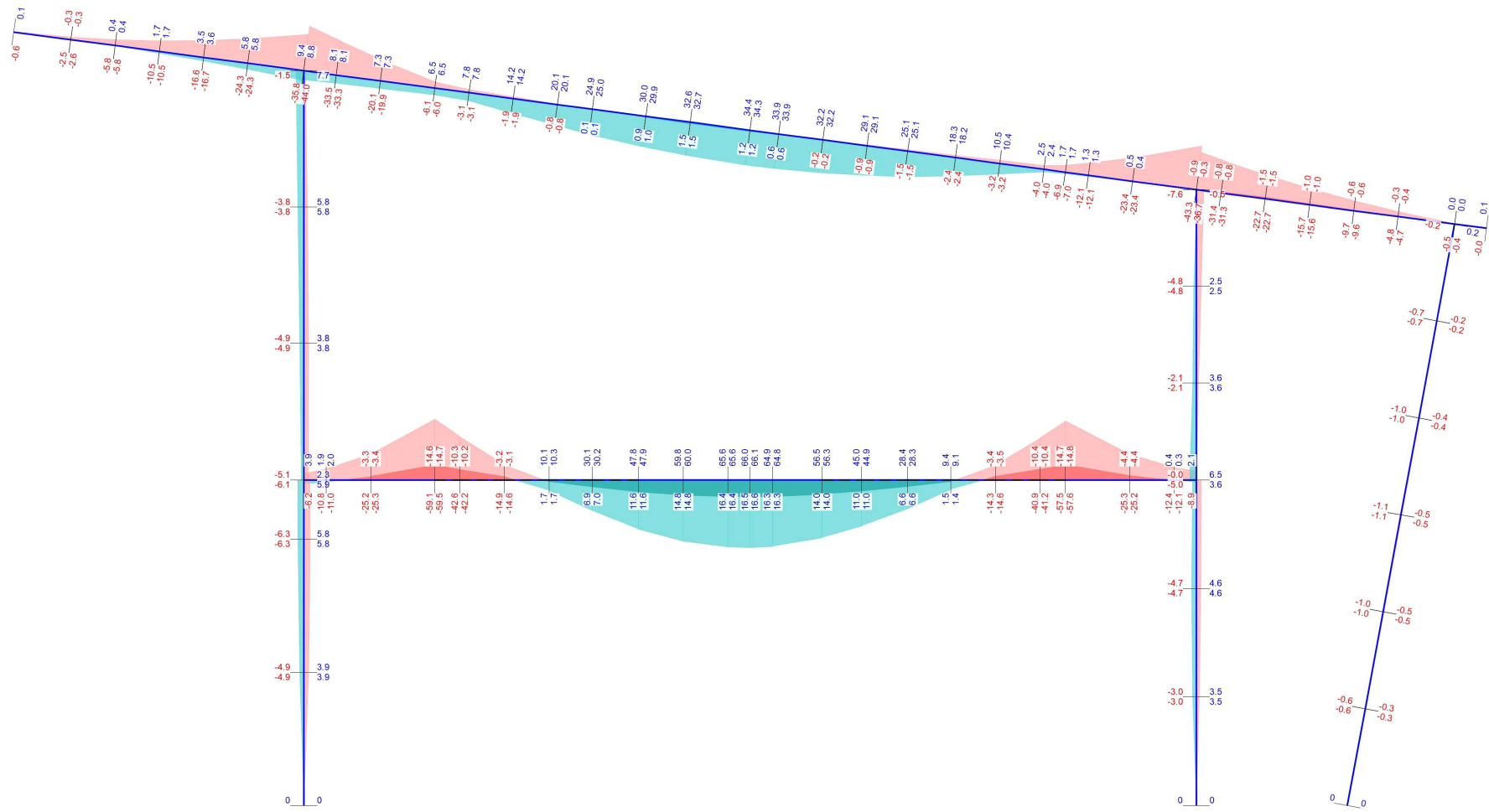
Balkenschnittgrößen		Normalkraft N in [kN]	G + S ARGE	Position	S1 Stabwerk nach Theorie II. Ordnung (GZT)	Maßstab: 1:50
aus MIN/MAX-Suche über alle LKN				Bauvorhaben	24-05-16-KYF-EBW	
Max = 15.5, Min = -102.3				Kyffhäuser Eingangsbauwerk		Datum 17.05.2024
>>nur Gruppe 'Rahmen Achse E' sichtbar<<				Arge Göhring -Satzter Planplatz 10 99706 Sondershausen		Seite 269

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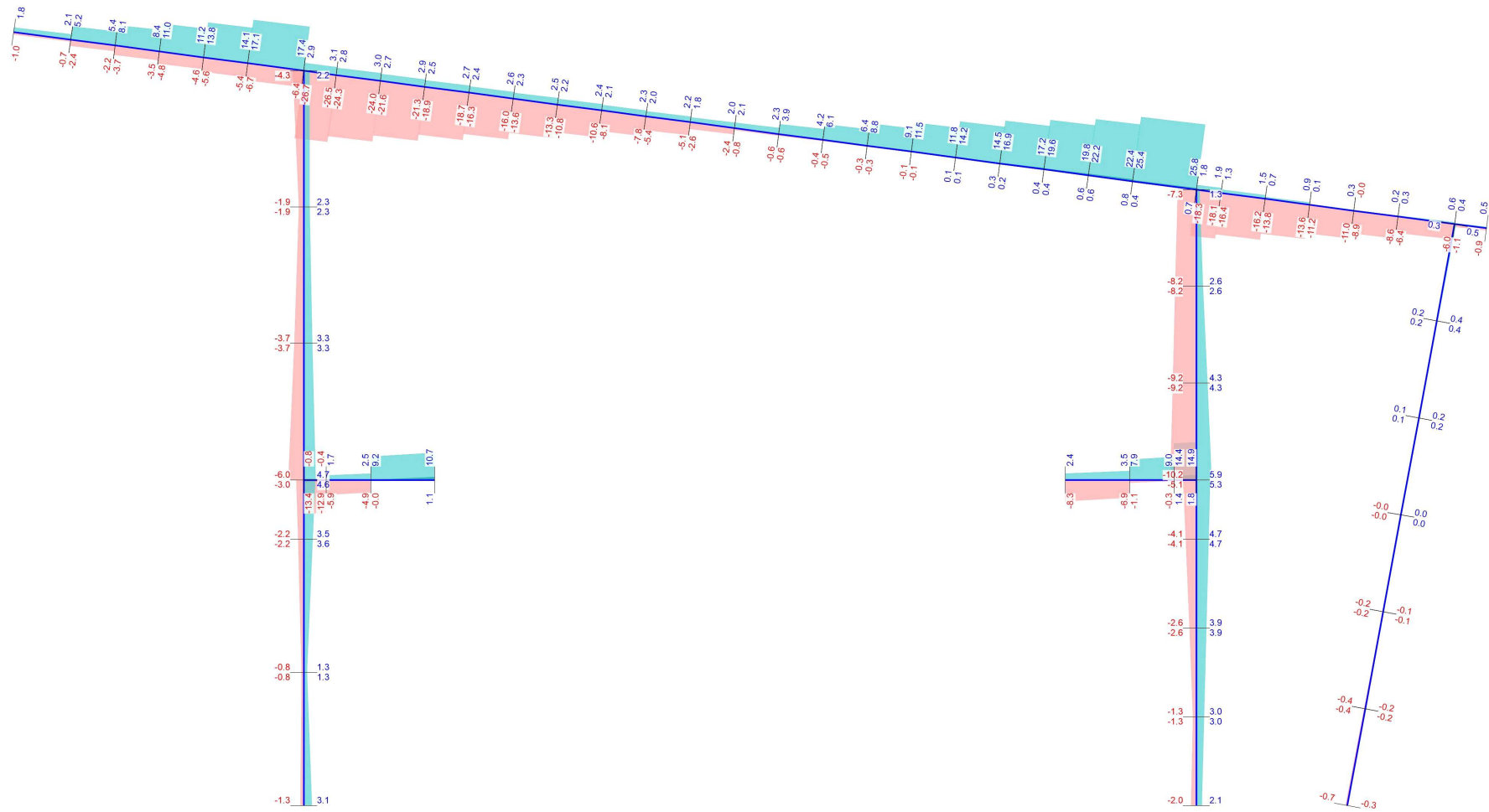
Balkenschnittgrößen	Querkraft Vs in [kN]		Position	S1 Stabwerk nach Theorie II. Ordnung (GZT)	Maßstab: 1:50	
aus MIN/MAX-Suche über alle LKN Max = 57.8, Min = -60.1 >>nur Gruppe 'Rahmen Achse E' sichtbar<<			Bauvorhaben	24-05-16-KYF-EBW Kyffhäuser Eingangsbauwerk		
			Arge Göhring -Satzter Planplatz 10 99706 Sondershausen		Datum 17.05.2024	
					Seite 270	

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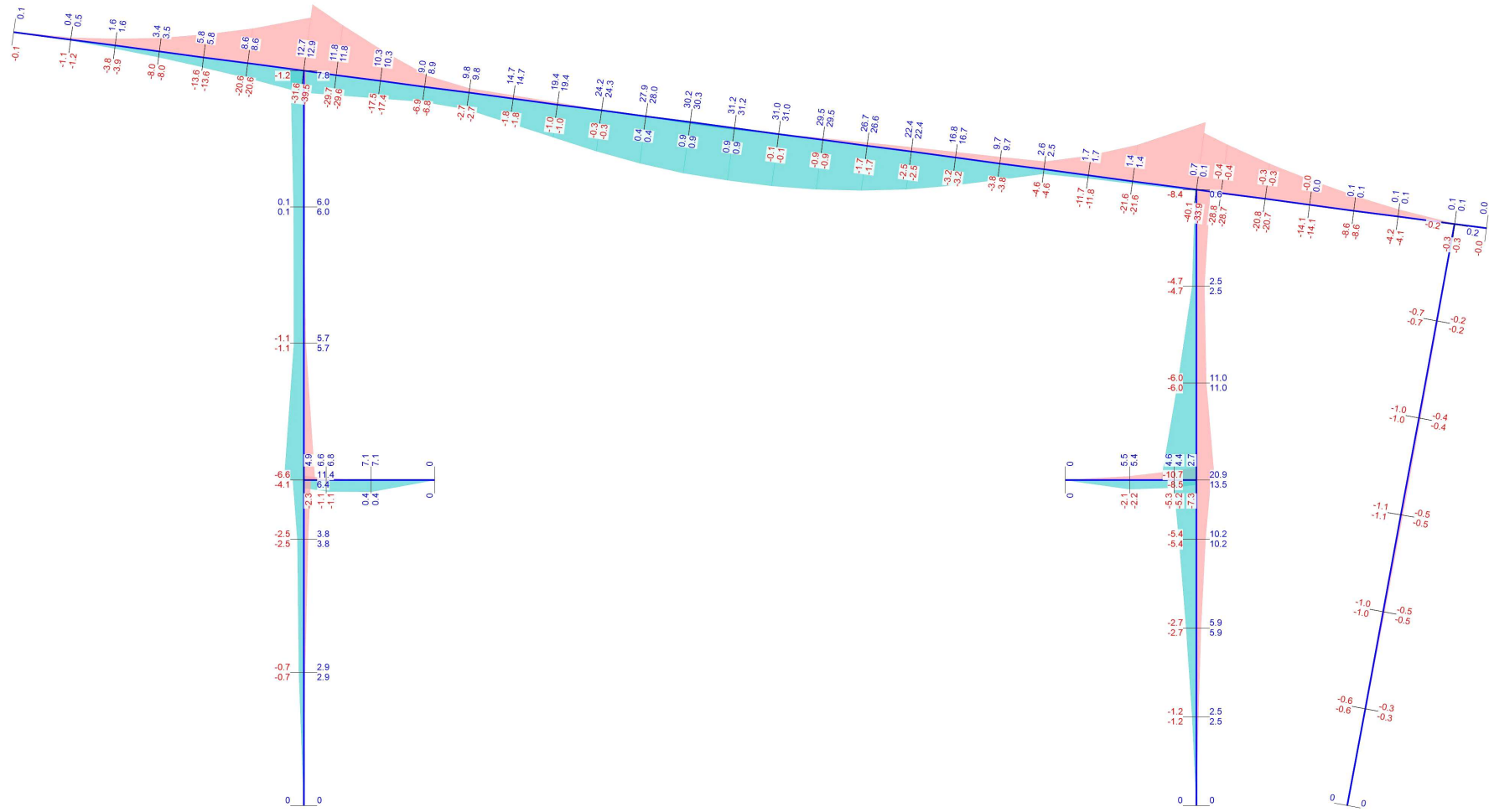


Balkenschnittgrößen		Moment Mt in [kNm]	G + S ARGE	Position	S1 Stabwerk nach Theorie II. Ordnung (GZT)	Maßstab: 1:50
aus MIN/MAX-Suche über alle LKN				Bauvorhaben	24-05-16-KYF-EBW	
Max = 66.1, Min = -59.5				Kyffhäuser Eingangsbauwerk		Datum 17.05.2024
>>nur Gruppe 'Rahmen Achse E' sichtbar<<				Arge Göhring -Satzter Planplatz 10 99706 Sondershausen		Seite 271

Achse F



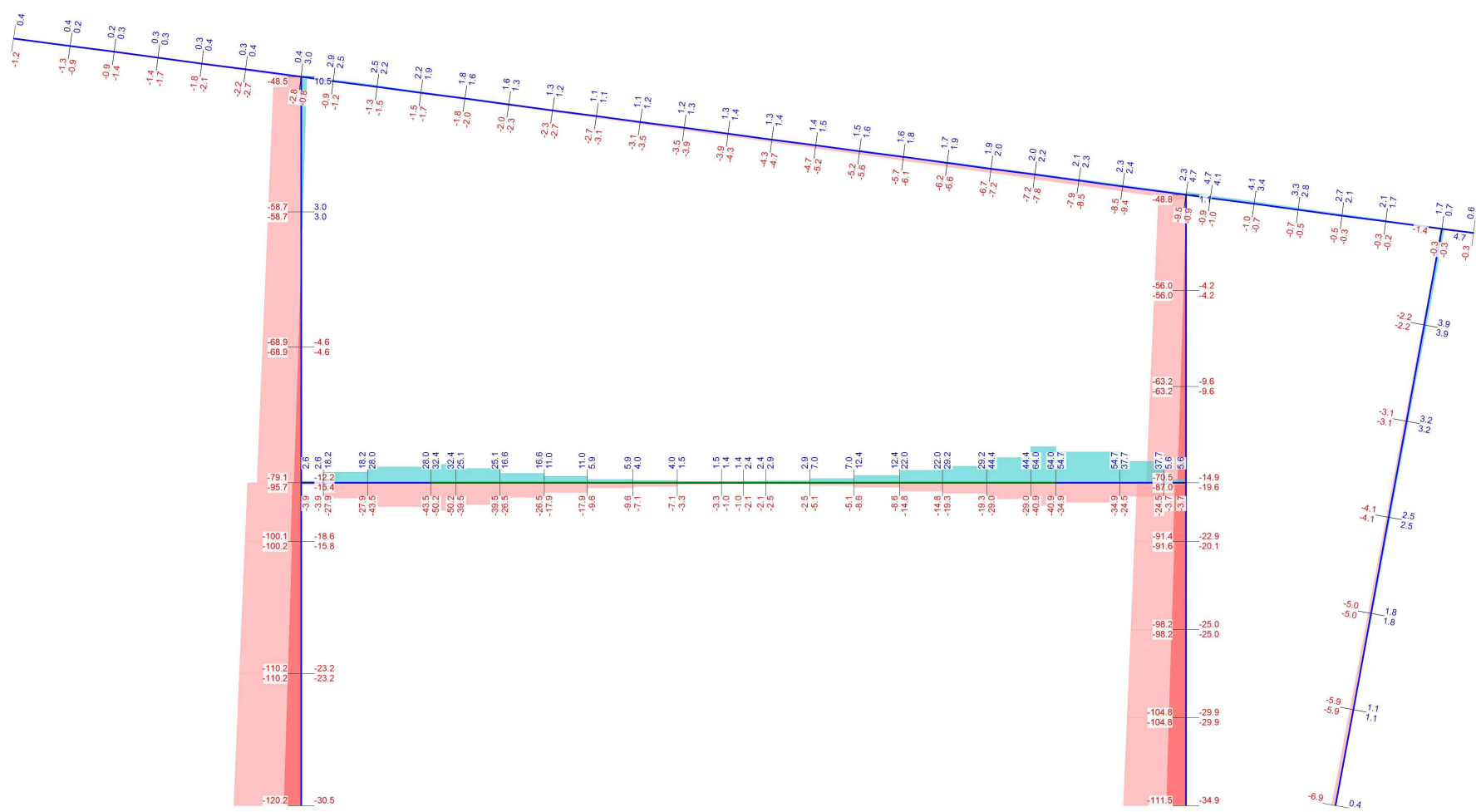
Balkenschnittgrößen	Querkraft Vs in [kN]	G + S ARGE	Position S1 Stabwerk nach Theorie II. Ordnung (GZT)	Maßstab: 1:50
aus MIN/MAX-Suche über alle LKN Max = 25.8, Min = -26.7 >>nur Gruppe 'Rahmen Achse F' sichtbar<<	Bauvorhaben 24-05-16-KYF-EBW Kyffhäuser Eingangsbauwerk		Datum 17.05.2024	
ARGE Göhring -Satzter Planplatz 10 99706 Sondershausen			Seite 274	



Balkenschnittgrößen		Moment Mt in [kNm]	G + S ARGE	Position	S1 Stabwerk nach Theorie II. Ordnung (GZT)	Maßstab: 1:50
aus MIN/MAX-Suche über alle LKN				Bauvorhaben	24-05-16-KYF-EBW	
Max = 31.2, Min = -40.1				Kyffhäuser Eingangsbauwerk		Datum 17.05.2024
>>nur Gruppe 'Rahmen Achse F' sichtbar<<				Arge Göhring -Satzter Planplatz 10 99706 Sondershausen		Seite 275

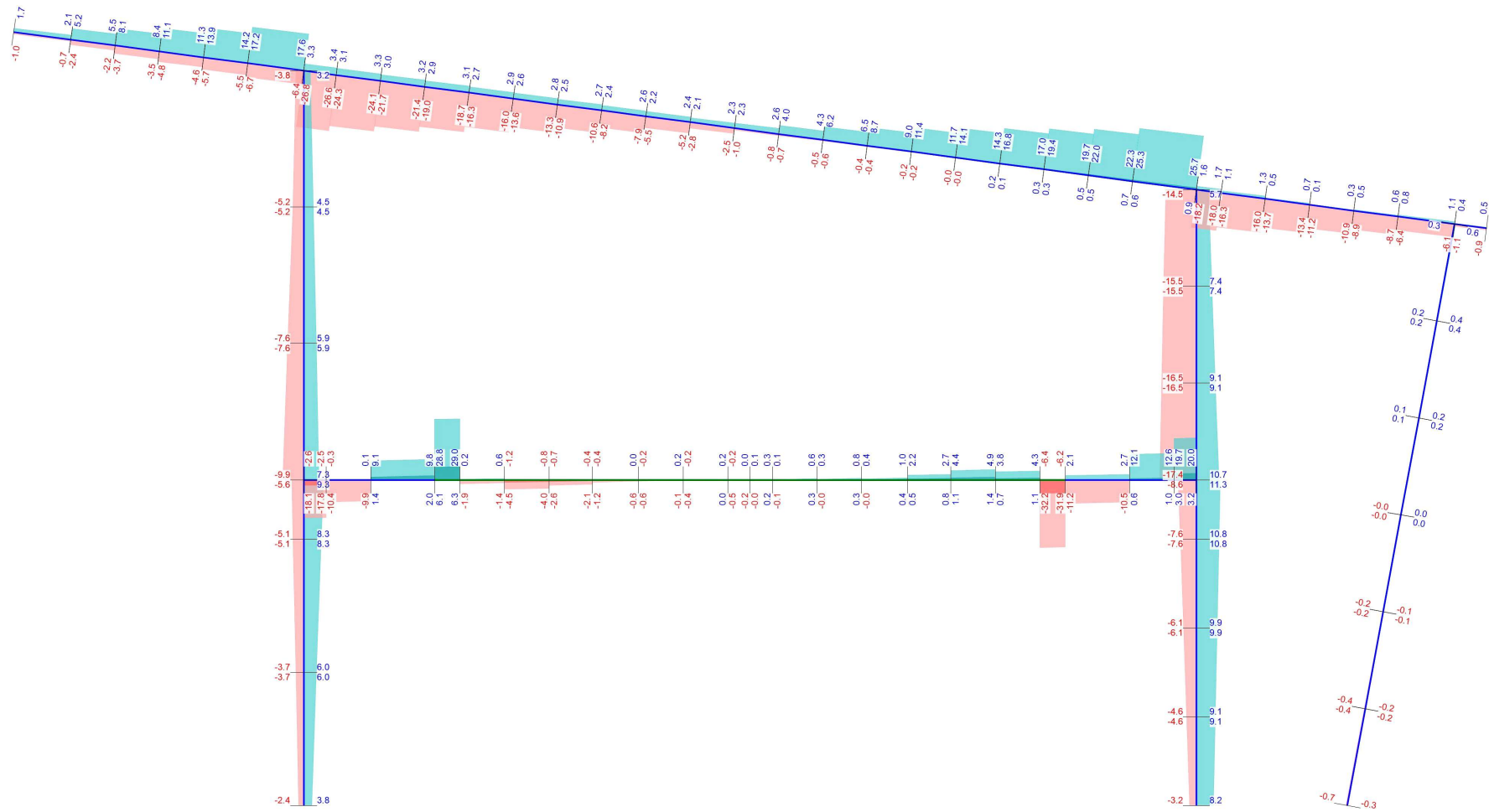
Achse G

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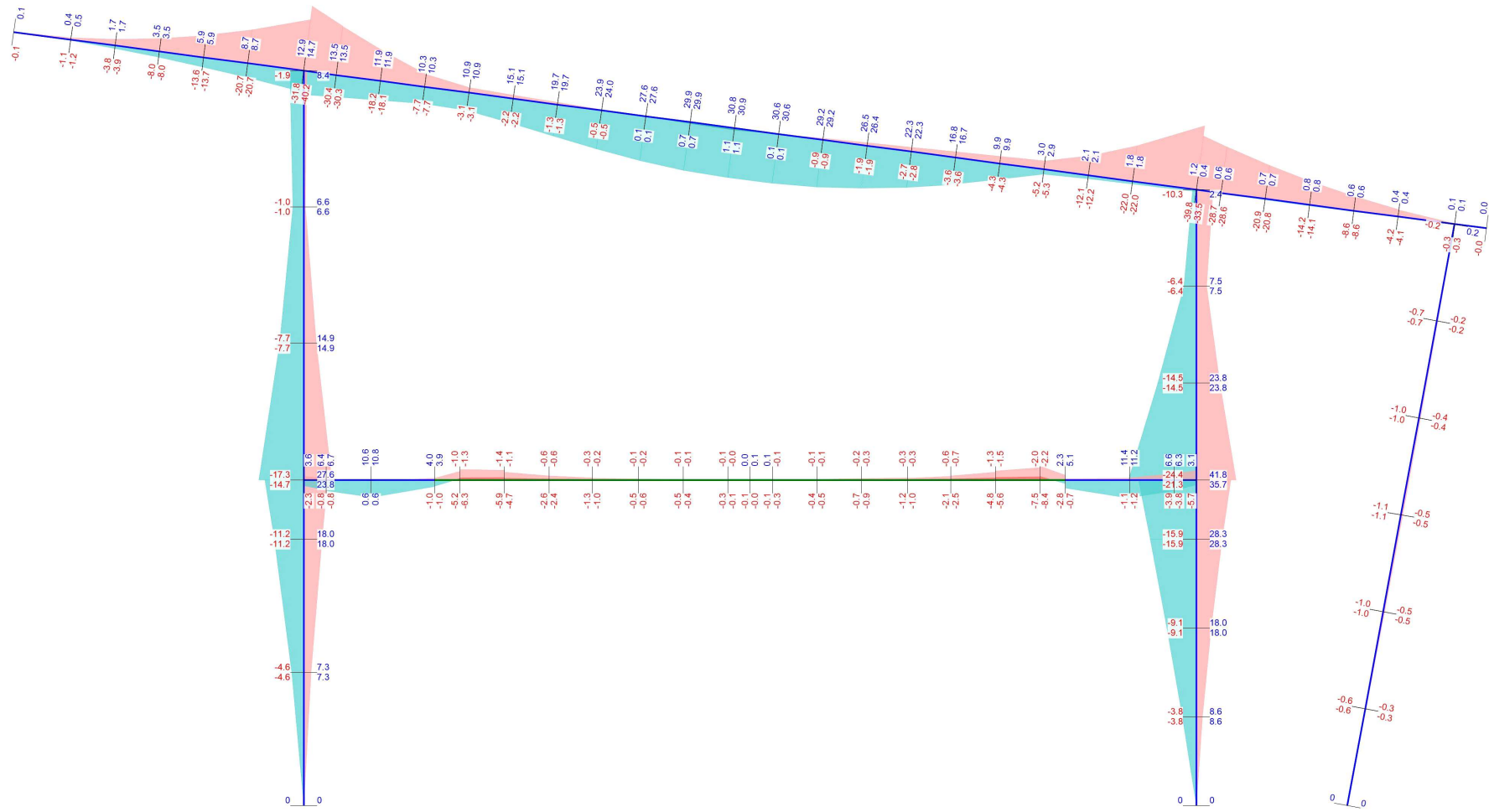


Balkenschnittgrößen		Normalkraft N in [kN]	G + S ARGE	Position	S1 Stabwerk nach Theorie II. Ordnung (GZT)	Maßstab: 1:50
aus MIN/MAX-Suche über alle LKN		Max = 64.0, Min = -120.2		Bauvorhaben	24-05-16-KYF-EBW Kyffhäuser Eingangsbauwerk	Datum 17.05.2024
>>nur Gruppe 'Rahmen Achse G' sichtbar<<			Arge Göhring -Satzter Planplatz 10 99706 Sondershausen			Seite 277

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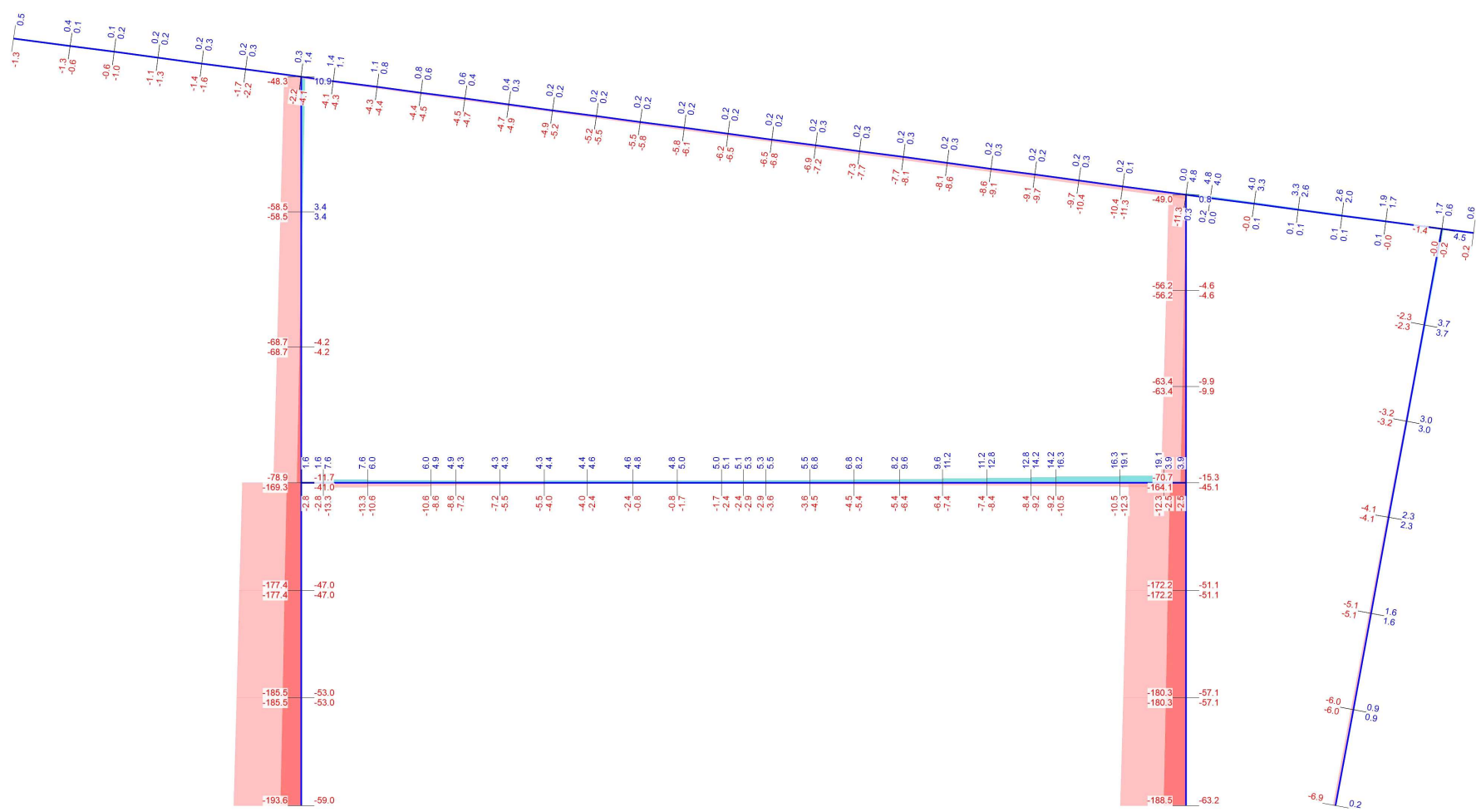
Balkenschnittgrößen		Querkraft Vs in [kN]	G + S ARGE	Position	S1 Stabwerk nach Theorie II. Ordnung (GZT)	Maßstab: 1:50
aus MIN/MAX-Suche über alle LKN				Bauvorhaben	24-05-16-KYF-EBW	
Max = 29.0, Min = -32.2					Kyffhäuser Eingangsbauwerk	Datum 17.05.2024
>>nur Gruppe 'Rahmen Achse G' sichtbar<<				Arge Göhring -Satzter Planplatz 10 99706 Sondershausen		Seite 278



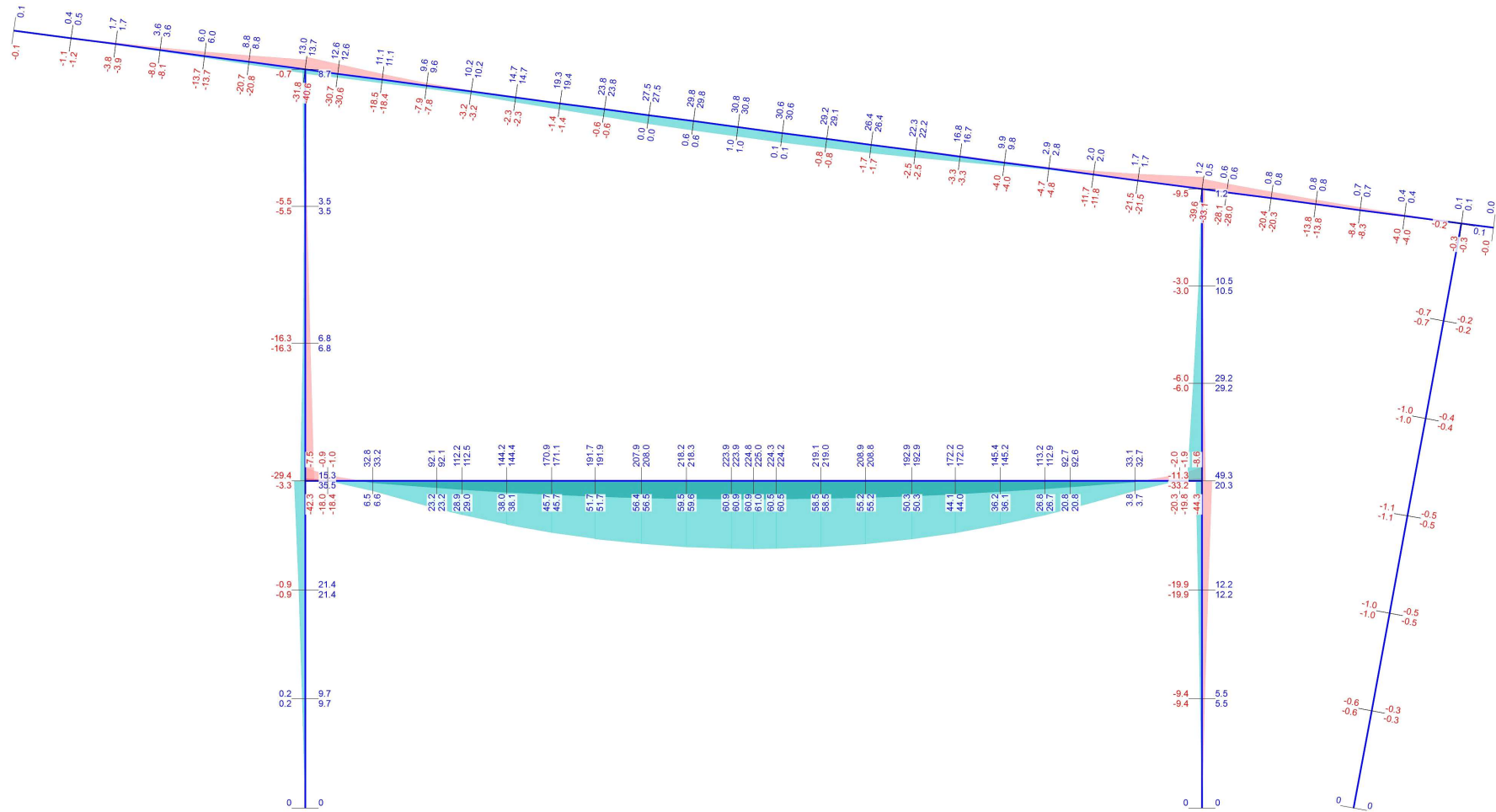
Balkenschnittgrößen		Moment Mt in [kNm]	G + S ARGE	Position	S1 Stabwerk nach Theorie II. Ordnung (GZT)	Maßstab: 1:50
aus MIN/MAX-Suche über alle LKN				Bauvorhaben	24-05-16-KYF-EBW	
Max = 41.8, Min = -40.2				Kyffhäuser Eingangsbauwerk		Datum 17.05.2024
>>nur Gruppe 'Rahmen Achse G' sichtbar<<				Arge Göhring -Satzter Planplatz 10 99706 Sondershausen		Seite 279

Achse H

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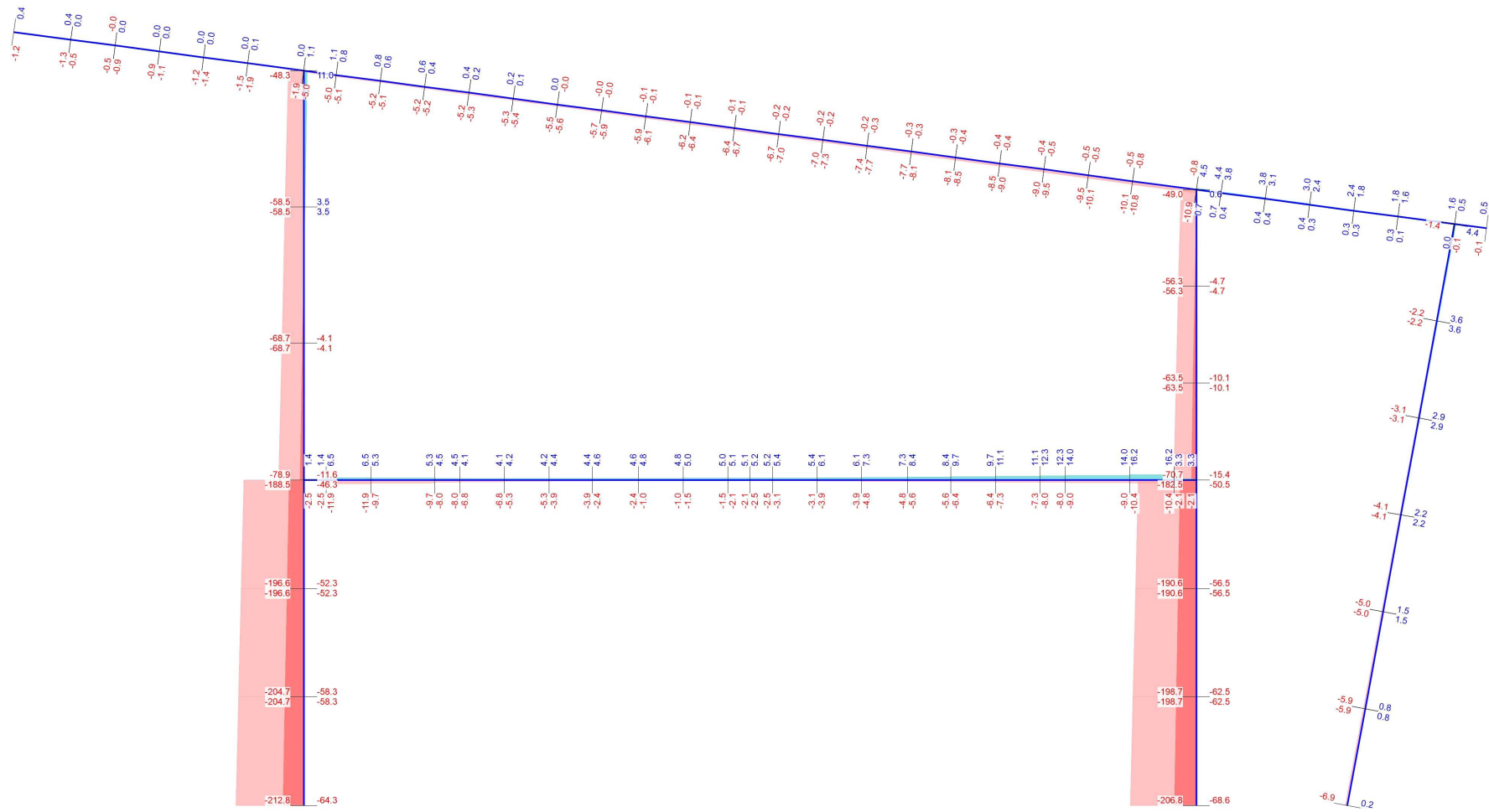


Balkenschnittgrößen		Normalkraft N in [kN]	G + S ARGE	Position	S1 Stabwerk nach Theorie II. Ordnung (GZT)	Maßstab: 1:50
aus MIN/MAX-Suche über alle LKN				Bauvorhaben	24-05-16-KYF-EBW	
Max = 19.1, Min = -193.6				Kyffhäuser Eingangsbauwerk		Datum 17.05.2024
>>nur Gruppe 'Rahmen Achse H' sichtbar<<				Arge Göhring -Satzter Planplatz 10 99706 Sondershausen		Seite 281



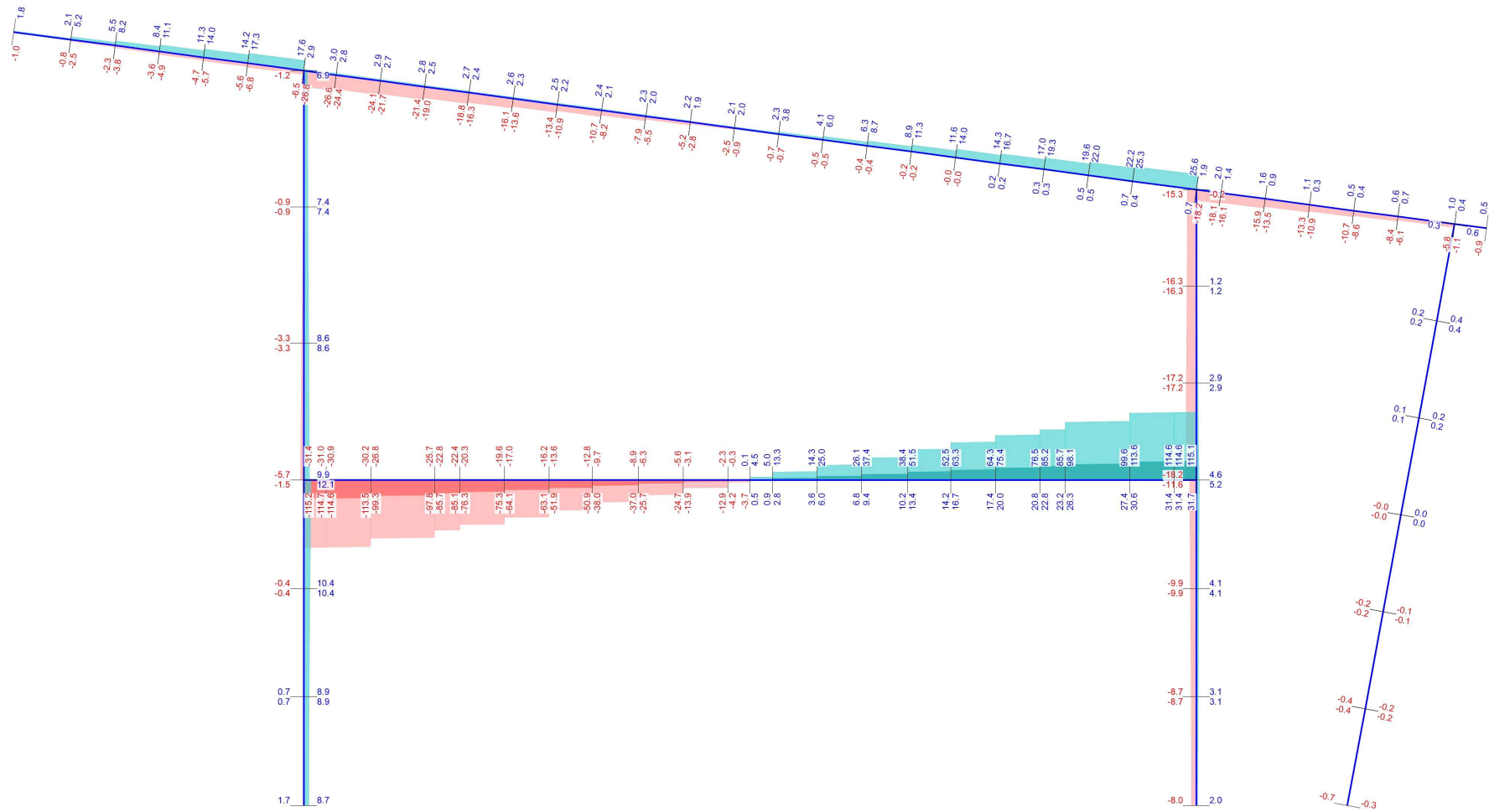
Balkenschnittgrößen		Moment Mt in [kNm]	G + S ARGE	Position	S1 Stabwerk nach Theorie II. Ordnung (GZT)	Maßstab: 1:50
aus MIN/MAX-Suche über alle LKN		Max = 225.0, Min = -44.3		Bauvorhaben	24-05-16-KYF-EBW Kyffhäuser Eingangsbauwerk	
>>nur Gruppe 'Rahmen Achse H' sichtbar<<			ARGE Göhring -Satzter Planplatz 10 99706 Sondershausen			Datum 17.05.2024
						Seite 283

Achse I



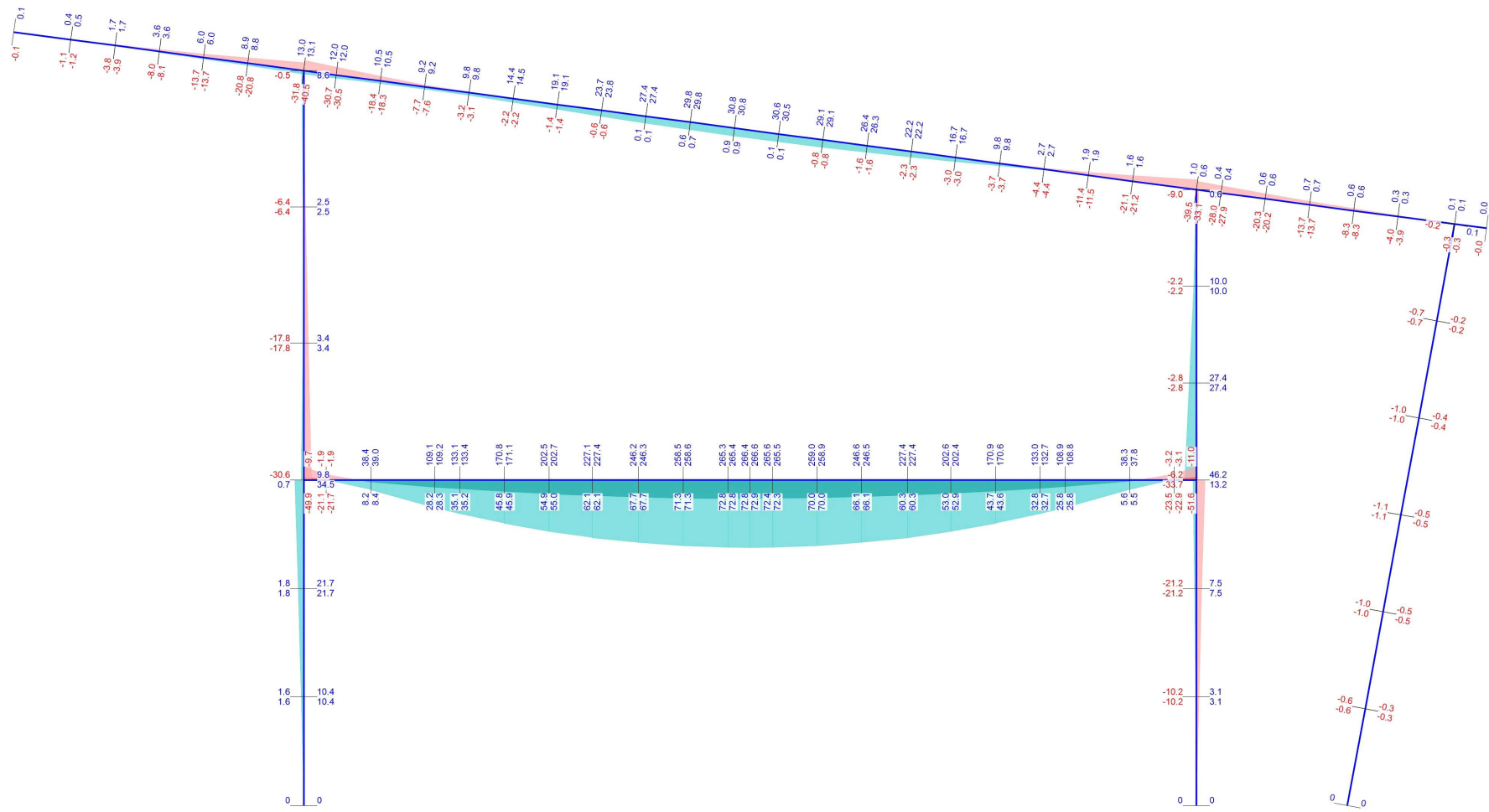
Balkenschnittgrößen	Normalkraft N in [kN]	G + S ARGE	Position	S1 Stabwerk nach Theorie II. Ordnung (GZT)	Maßstab: 1:50
aus MIN/MAX-Suche über alle LKN Max = 16.2, Min = -212.8 >>nur Gruppe 'Rahmen Achse I' sichtbar<<			Bauvorhaben	24-05-16-KYF-EBW Kyffhäuser Eingangsbauwerk	
			ARGE Göhring -Satzter Planplatz 10 99706 Sondershausen		Datum 17.05.2024
					Seite 285

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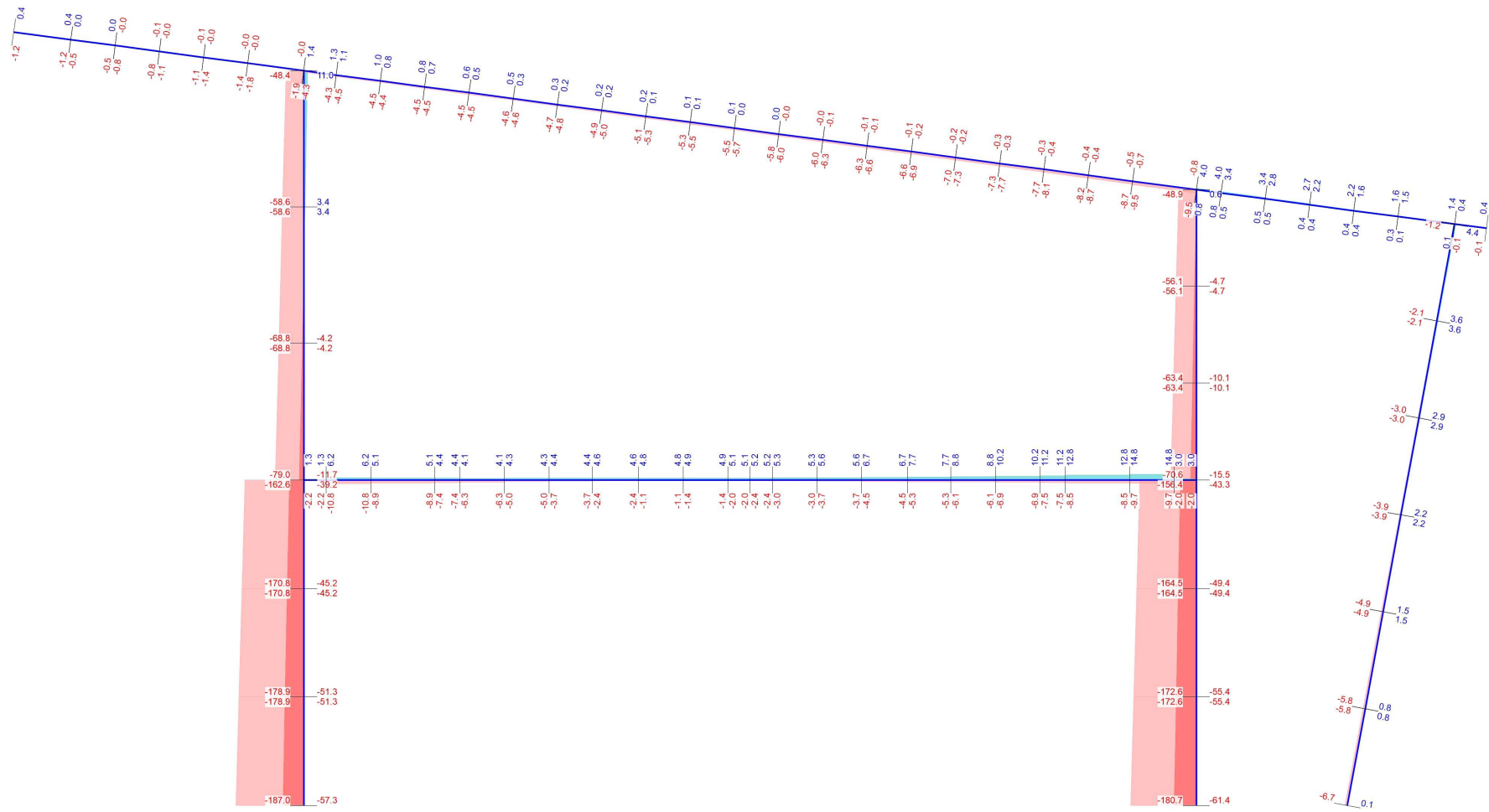
Balkenschnittgrößen		Querkräfte Vs in [kN]	G + S ARGE	Position	S1 Stabwerk nach Theorie II. Ordnung (GZT)	Maßstab: 1:50
aus MIN/MAX-Suche über alle LKN				Bauvorhaben	24-05-16-KYF-EBW	
Max = 115.1, Min = -115.2				Kyffhäuser Eingangsbauwerk		Datum 17.05.2024
>>nur Gruppe 'Rahmen Achse I' sichtbar<<				Arge Göhring -Satzter Planplatz 10 99706 Sondershausen		Seite 286

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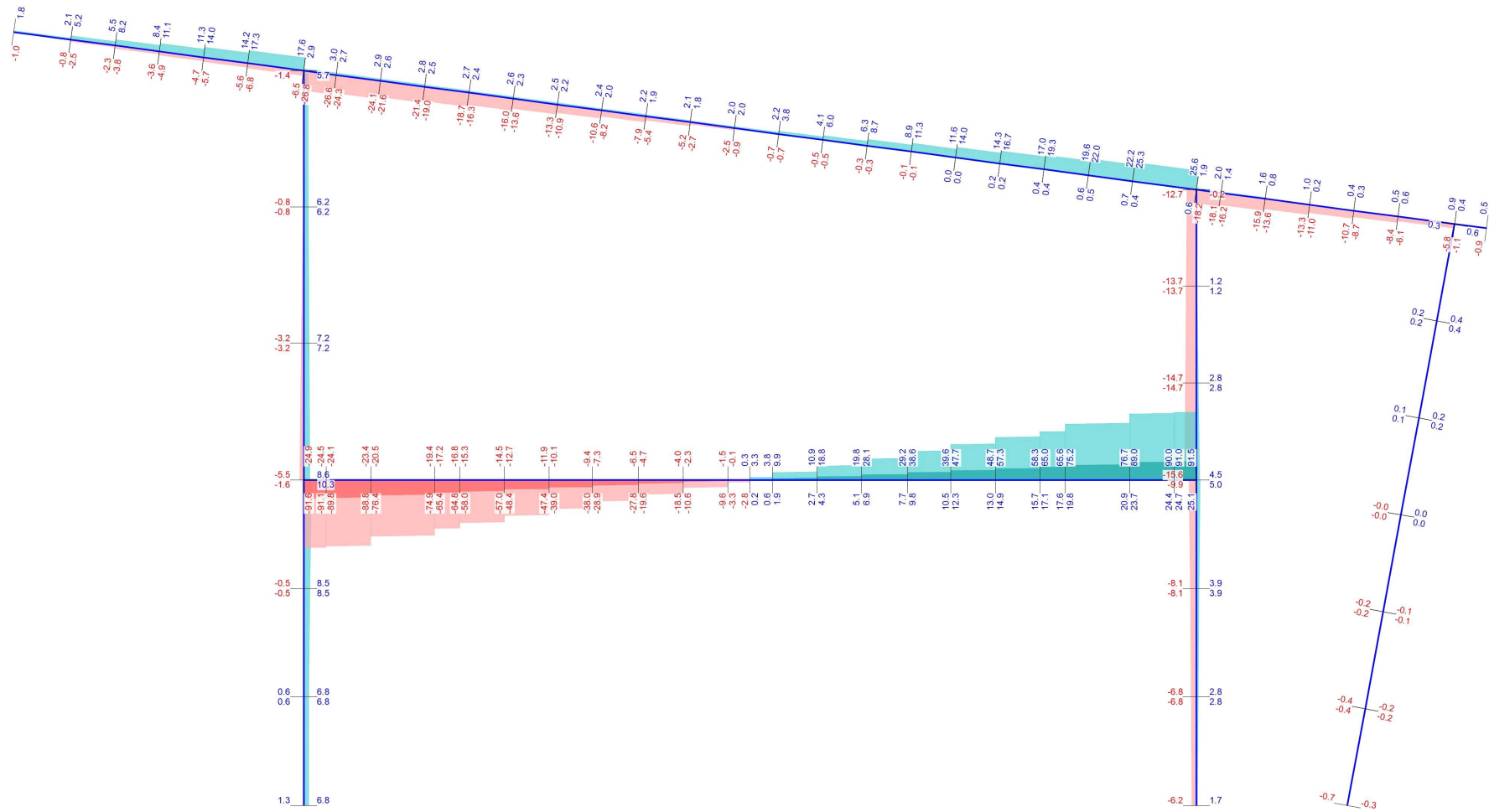
Balkenschnittgrößen		Moment Mt in [kNm]	G + S ARGE	Position	S1 Stabwerk nach Theorie II. Ordnung (GZT)	Maßstab: 1:50
aus MIN/MAX-Suche über alle LKN				Bauvorhaben	24-05-16-KYF-EBW	
Max = 266.6, Min = -51.6				Kyffhäuser Eingangsbauwerk		Datum 17.05.2024
>>nur Gruppe 'Rahmen Achse I' sichtbar<<				Arge Göhring -Satzter Planplatz 10 99706 Sondershausen		Seite 287

Achse J



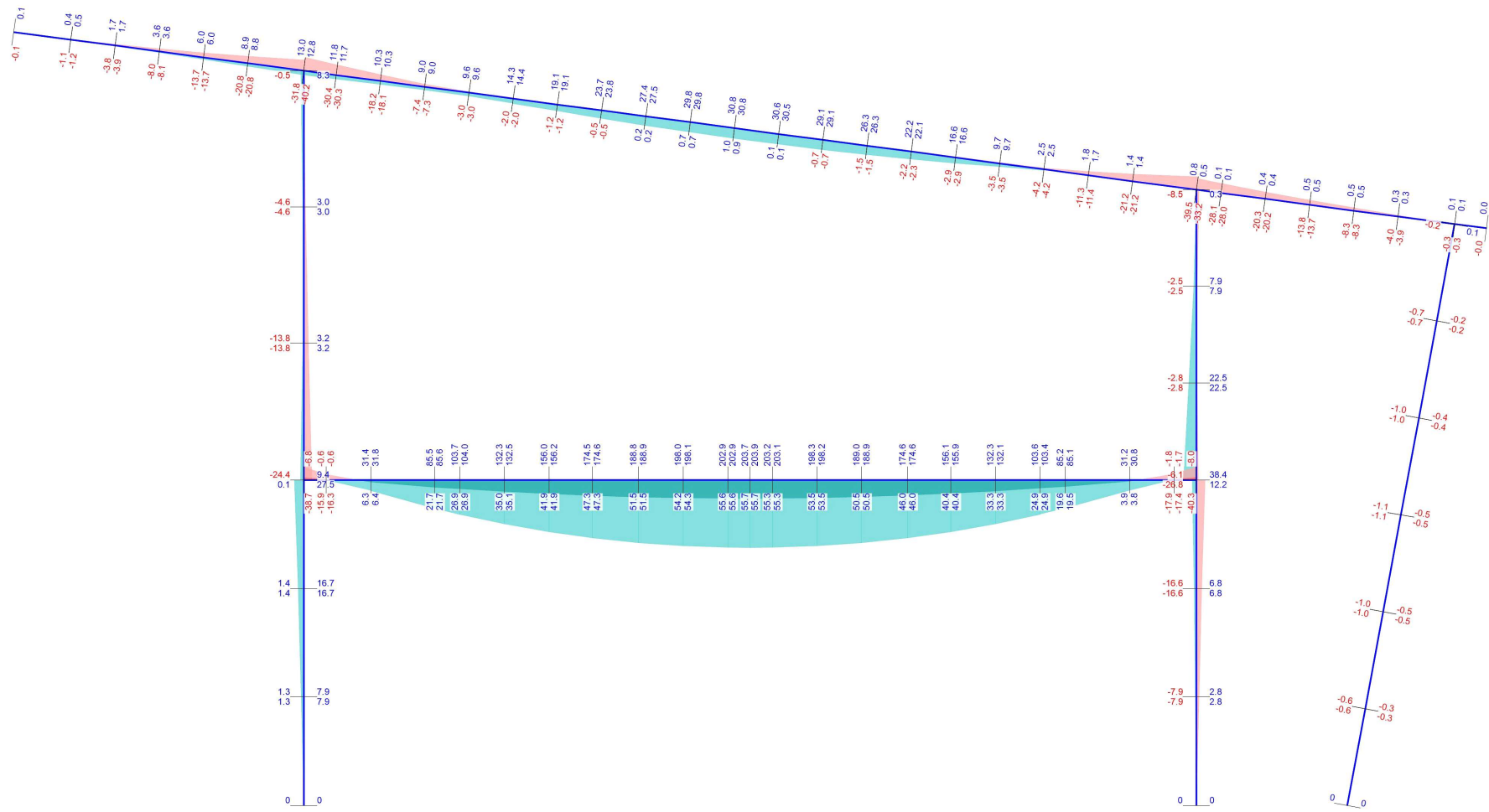
Balkenschnittgrößen		Normalkraft N in [kN]	G + S ARGE	Position	S1 Stabwerk nach Theorie II. Ordnung (GZT)	Maßstab: 1:50
aus MIN/MAX-Suche über alle LKN				Bauvorhaben	24-05-16-KYF-EBW Kyffhäuser Eingangsbauwerk	
Max = 14.8, Min = -187.0						Datum 17.05.2024
>>nur Gruppe 'Rahmen Achse J' sichtbar<<				Arge Göhring -Satzler Planplatz 10 99706 Sondershausen		Seite 289

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Balkenschnittgrößen	Querkraft Vs in [kN]		Position	S1 Stabwerk nach Theorie II. Ordnung (GZT)	Maßstab: 1:50		
aus MIN/MAX-Suche über alle LKN Max = 91.5, Min = -91.6 >>nur Gruppe 'Rahmen Achse J' sichtbar<<			Bauvorhaben	24-05-16-KYF-EBW Kyffhäuser Eingangsbauwerk			
						Datum	17.05.2024
	Arge Göhring -Satzter Planplatz 10 99706 Sondershausen				Seite	290	

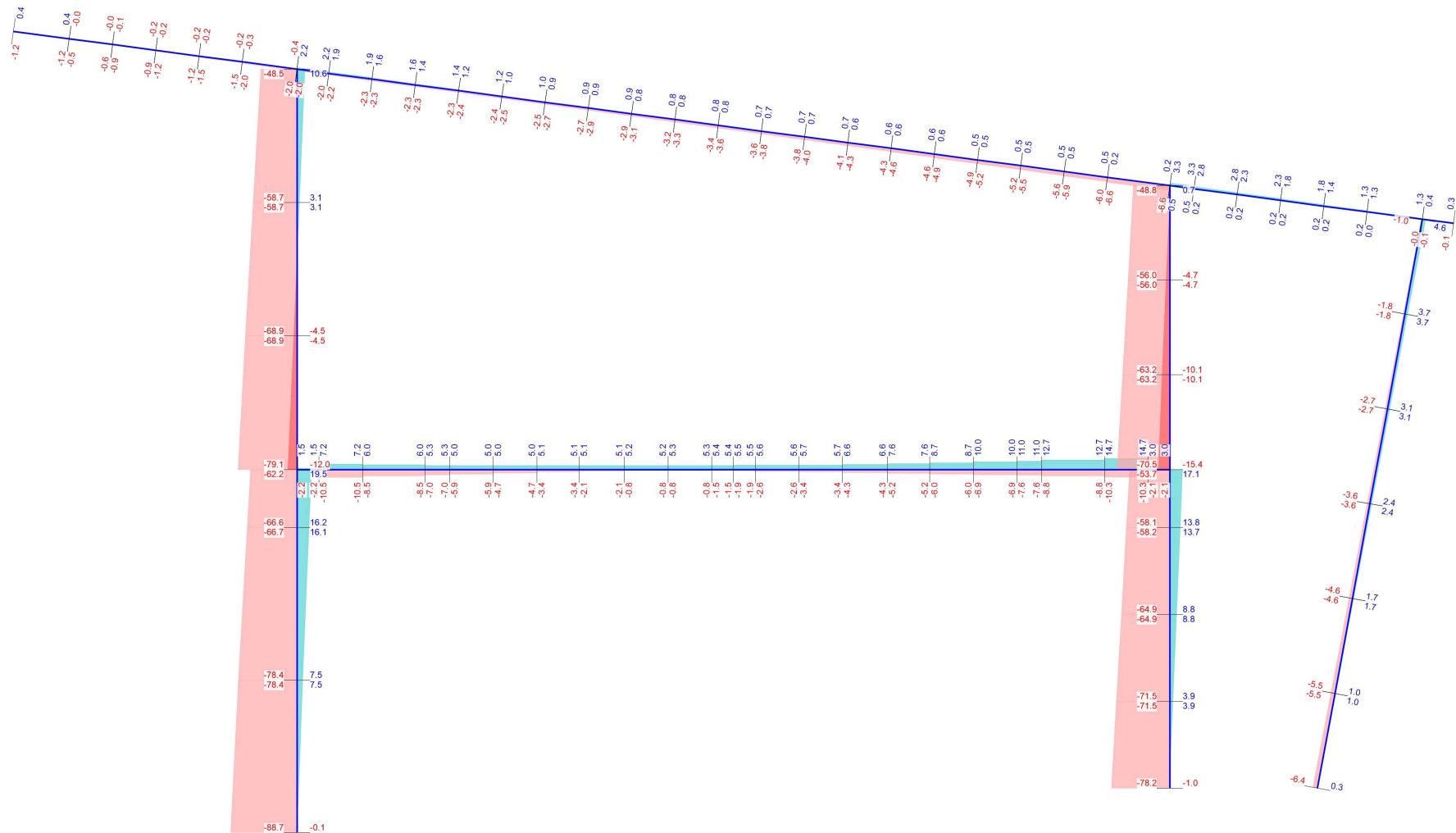
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Balkenschnittgrößen		Moment Mt in [kNm]	G + S ARGE	Position	S1 Stabwerk nach Theorie II. Ordnung (GZT)	Maßstab: 1:50
aus MIN/MAX-Suche über alle LKN				Bauvorhaben	24-05-16-KYF-EBW	
Max = 203.9, Min = -40.3				Kyffhäuser Eingangsbauwerk		Datum 17.05.2024
>>nur Gruppe 'Rahmen Achse J' sichtbar<<				ARGE Göhring -Satzter Planplatz 10 99706 Sondershausen		Seite 291

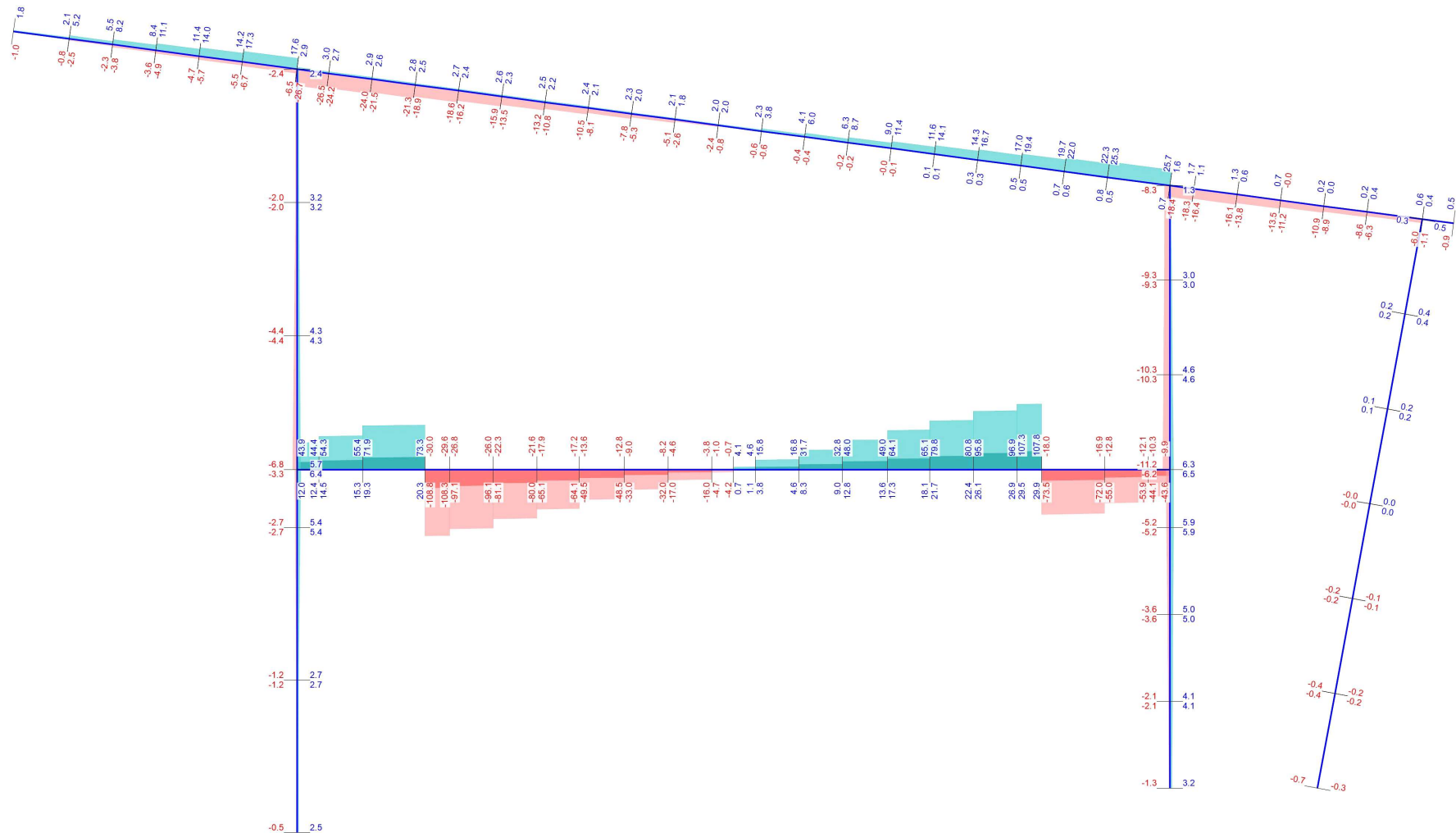
Achse K

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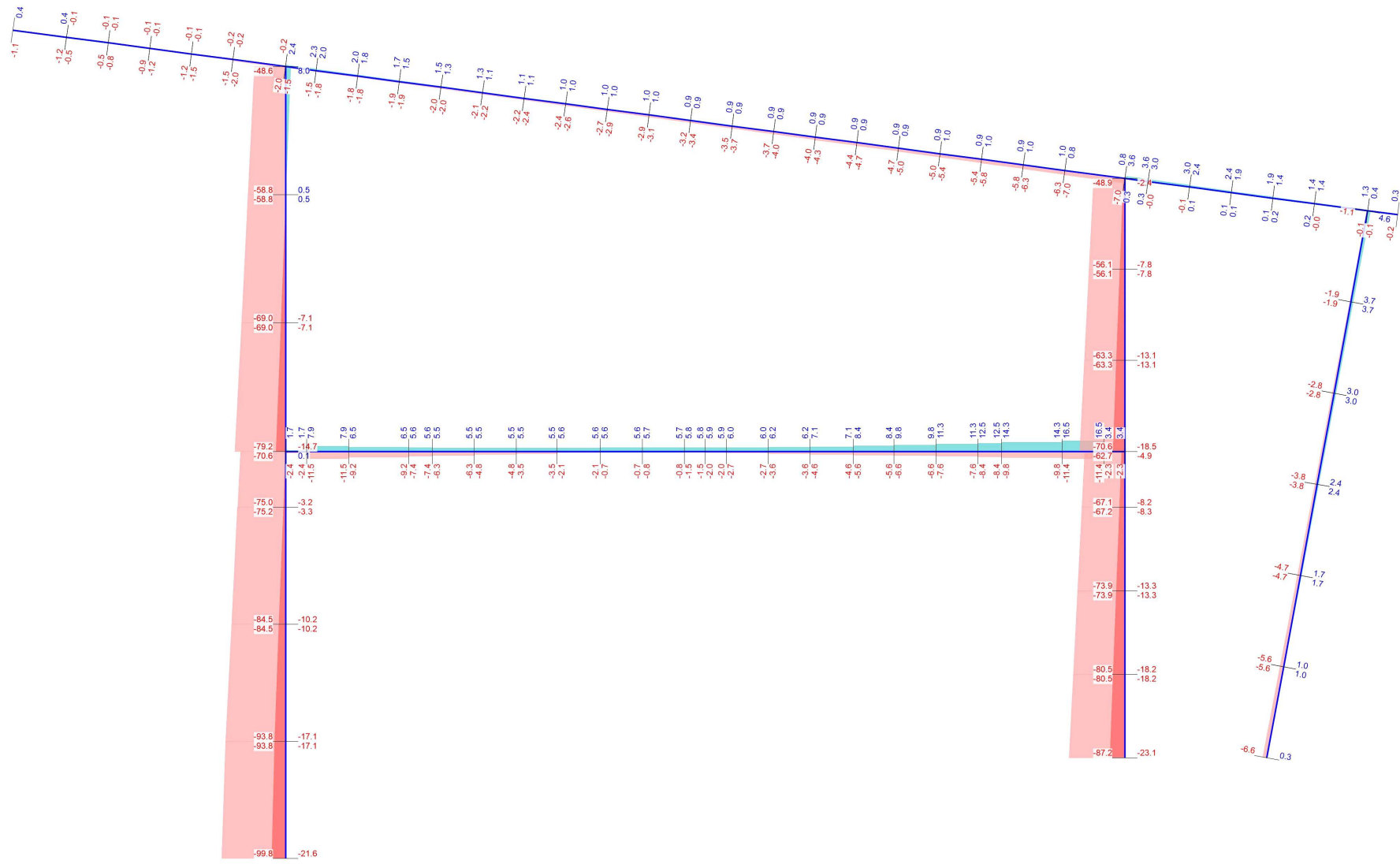
Balkenschnittgrößen		Normalkraft N in [kN]	G + S ARGE	Position	S1 Stabwerk nach Theorie II. Ordnung (GZT)	Maßstab: 1:50
aus MIN/MAX-Suche über alle LKN				Bauvorhaben	24-05-16-KYF-EBW	
Max = 19.5, Min = -88.7				Kyffhäuser Eingangsbauwerk		Datum 17.05.2024
>>nur Gruppe 'Rahmen Achse K' sichtbar<<				Arge Göhring -Satzter Planplatz 10 99706 Sondershausen		Seite 293

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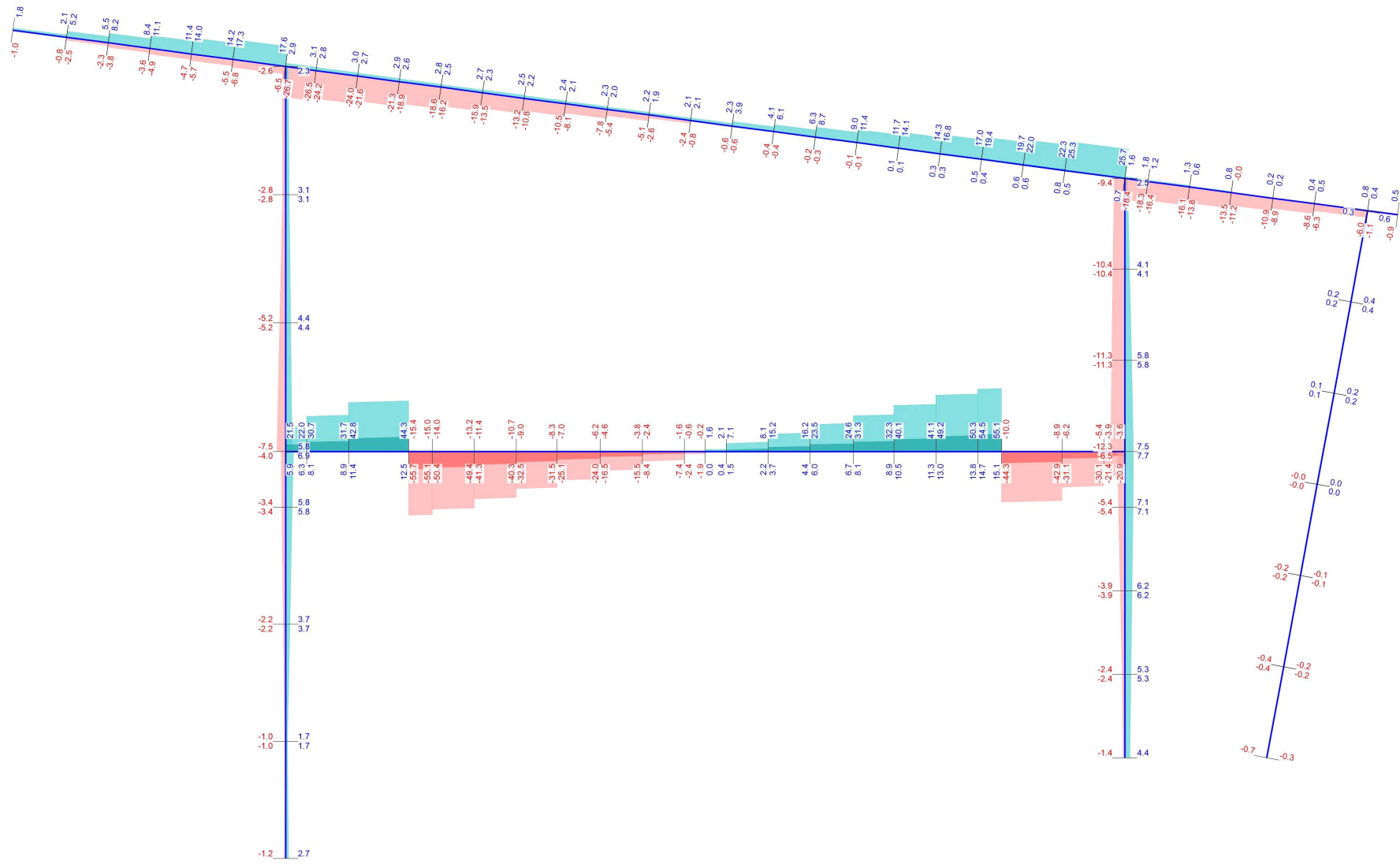
Balkenschnittgrößen		Querkräfte Vs in [kN]	G + S ARGE	Position	S1 Stabwerk nach Theorie II. Ordnung (GZT)	Maßstab: 1:50
aus MIN/MAX-Suche über alle LKN		Max = 107.8, Min = -108.8		Bauvorhaben	24-05-16-KYF-EBW	
>>nur Gruppe 'Rahmen Achse K' sichtbar<<				Kyffhäuser Eingangsbauwerk		Datum 17.05.2024
				ARGE Göhring -Satzler Planplatz 10 99706 Sondershausen		Seite 294

Achse L

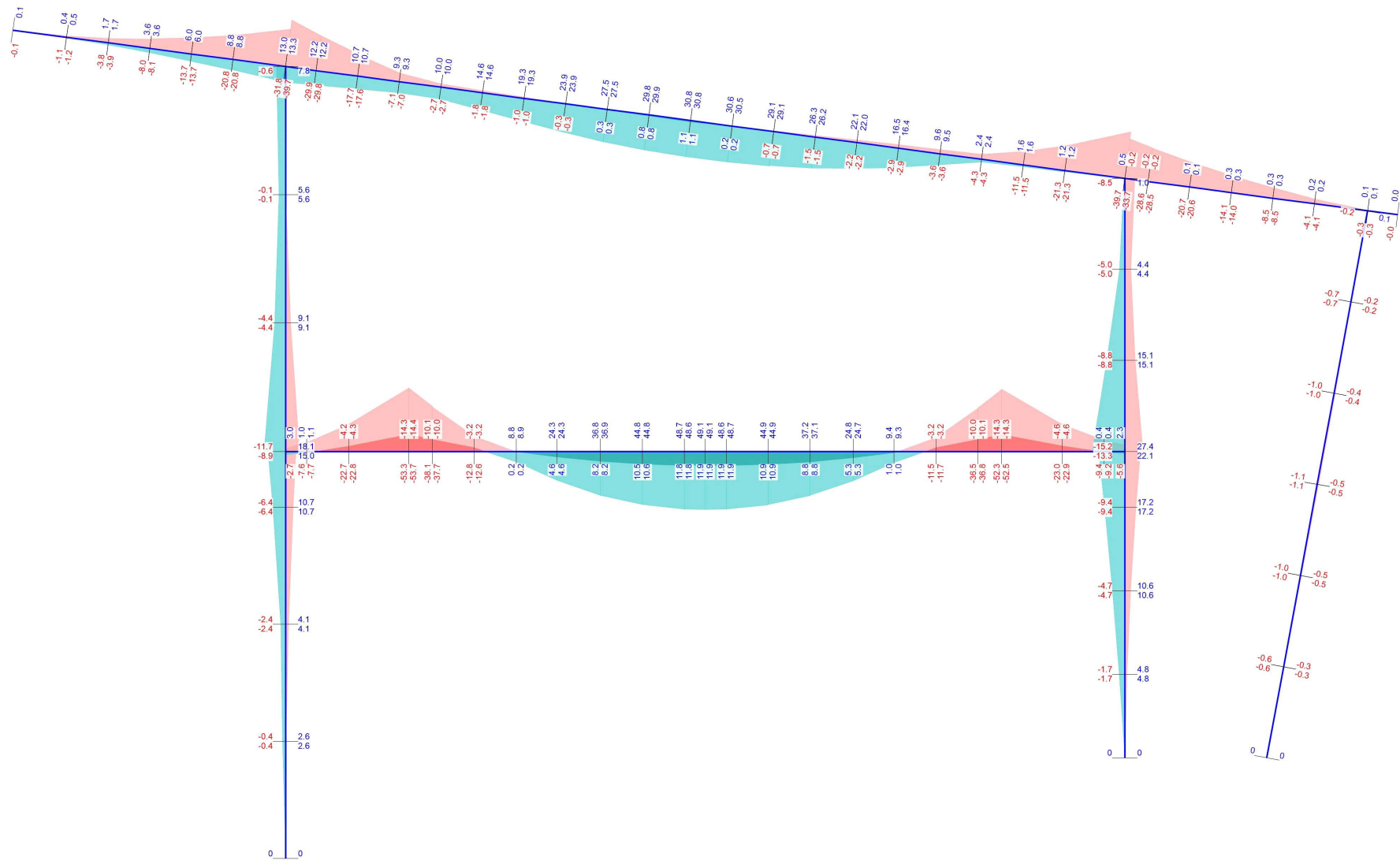


Balkenschnittgrößen		Normalkraft N in [kN]	G + S ARGE	Position	S1 Stabwerk nach Theorie II. Ordnung (GZT)	Maßstab: 1:50
aus MIN/MAX-Suche über alle LKN				Bauvorhaben	24-05-16-KYF-EBW	
Max = 16.5, Min = -99.8				Kyffhäuser Eingangsbauwerk		Datum 17.05.2024
>>nur Gruppe 'Rahmen Achse L' sichtbar<<				Arge Göhring -Satzter Planplatz 10 99706 Sondershausen		Seite 297

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Balkenschnittgrößen	Querkraft Vs in [kN]	G + S ARGE	Position S1 Stabwerk nach Theorie II. Ordnung (GZT)	Maßstab: 1:50
aus MIN/MAX-Suche über alle LKN Max = 55.1, Min = -55.7 >>nur Gruppe 'Rahmen Achse L' sichtbar<<			Bauvorhaben 24-05-16-KYF-EBW	
			Kyffhäuser Eingangsbauwerk	
	Arge Göhring -Satzter Planplatz 10 99706 Sondershausen			Seite 298



Balkenschnittgrößen	Moment Mt in [kNm]		Position	S1 Stabwerk nach Theorie II. Ordnung (GZT)	Maßstab: 1:50
aus MIN/MAX-Suche über alle LKN Max = 49.1, Min = -53.7 >>nur Gruppe 'Rahmen Achse L' sichtbar<<			Bauvorhaben	24-05-16-KYF-EBW Kyffhäuser Eingangsbauwerk	
			ARGE Göhring -Satzter Planplatz 10 99706 Sondershausen		Datum 17.05.2024
					Seite 299

Achse M