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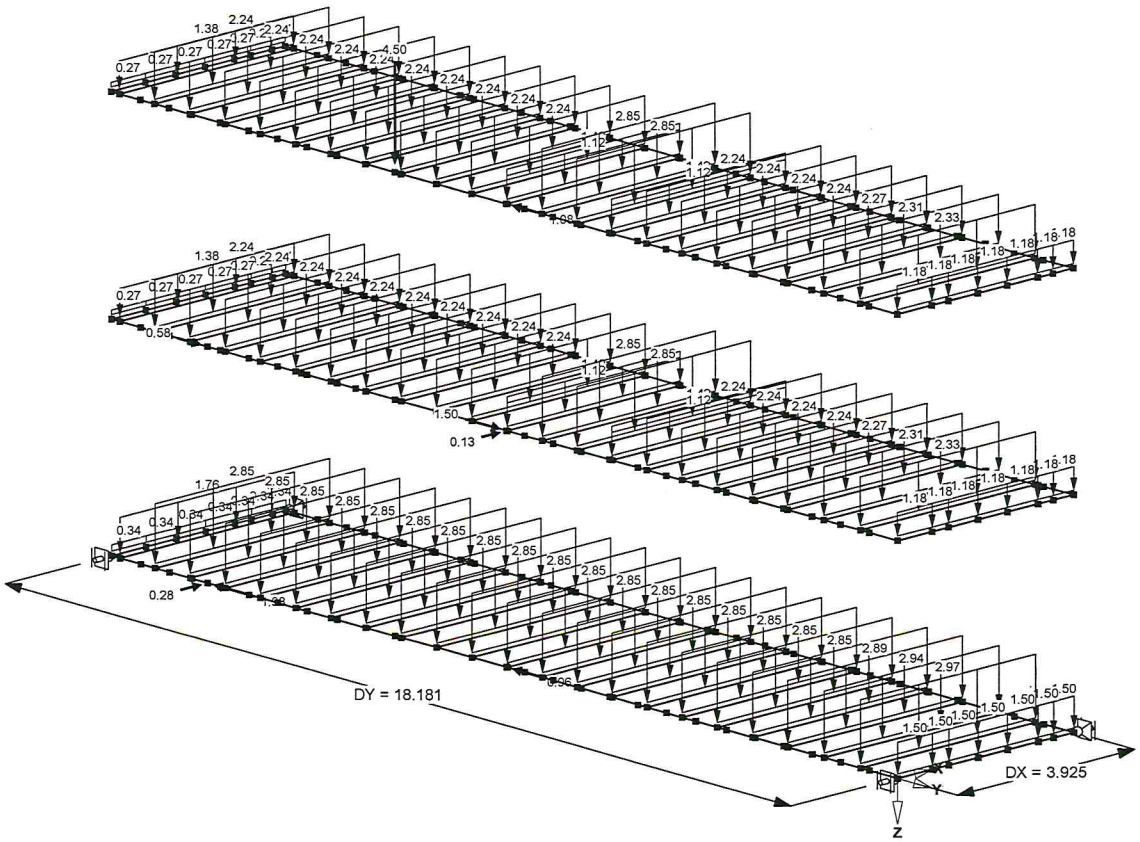
GRAFIK

Projekt: 06727-KHS Lippe-Lemgo	**Position:** RM1	Seite: 60

BELASTUNG

LF 5 - Verkehrslasten + Trennwandzuschlag
[kN], [kN/m]

Isometrie



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BELASTUNG

Projekt: 06727-KHS Lippe-Lemgo	**Position:** RM1	Seite: 61

STABLASTEN

LF 6

Nr.	Belastete Stäbe	Last-art	Last-Richtung	Parameter [kN, kNm, m, °C, kN/m, kNm/m] P_1			
1	688,829	1	3	0.69829			
2	697,709,715,805,811,823	1	3	0.69904			
3	727,739,748,754,766,772,778 ,793	1	3	0.73871			
4	721,799	1	3	0.71887			
5	572,587,620,633,663,676,851 ,864,894,907,933,939,963,969	1	3	0.34875			

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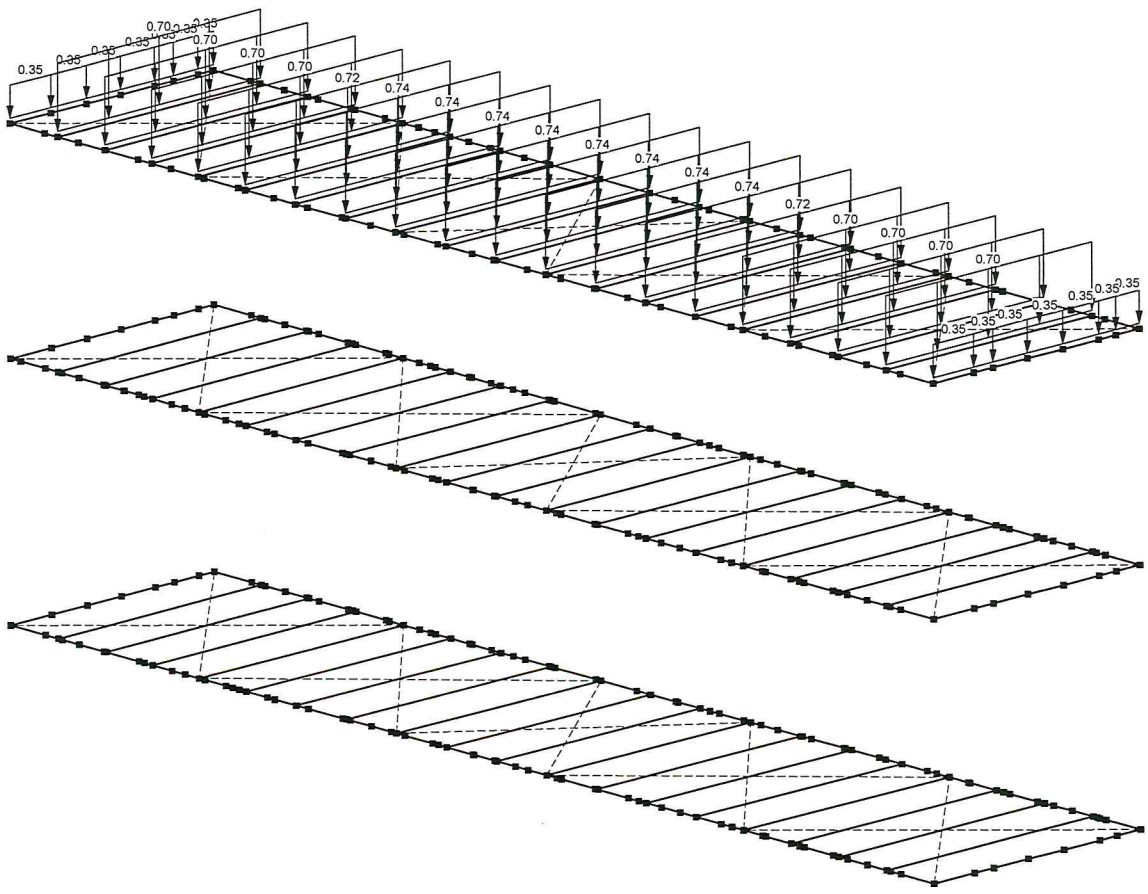
GRAFIK

Projekt: 06727-KHS Lippe-Lemgo	**Position:** RM1	Seite: 62

BELASTUNG

LF 6 - Schneelasten
[kN/m]

Isometrie



Dipl.-Ing. Udo Lauck
Staatl. anerk. Sachverst.

Projekt: 06727-KHS Lippe-Lemgo	**Position:** RM1	Seite: 63

KNOTENKRÄFTE

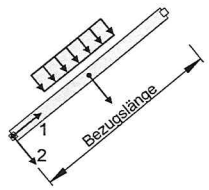
LF 7

Nr.	Belastete Knoten	Knotenkräfte P_X [kN]	P_Y [kN]	P_Z [kN]
1	701	-3.400	0.000	0.000
2	533	-5.800	0.000	0.000
5	884	-5.400	0.000	0.000
6	883	-8.000	0.000	0.000
7	703	-2.000	0.000	0.000
9	700	-4.900	0.000	0.000
10	705	-4.240	0.000	0.000
11	530	-6.000	0.000	0.000
12	881	-6.640	0.000	0.000
13	702	-5.800	0.000	0.000
14	704	-6.600	0.000	0.000
15	532	-7.500	0.000	0.000
16	152	-0.160	0.230	0.000
17	206	0.150	-0.220	0.000
18	56	-0.030	0.180	0.000
19	203	0.030	0.330	0.000
20	55	-0.090	0.280	0.000
21	200	0.080	1.070	0.000

STABLASTEN

LF 7

2 - Lokal in 2-Richtung



Nr.	Belastete Stäbe	Last-art	Last-Richtung	Parameter [kN, kNm, m, °C, kN/m, kNm/m] P_1
1	48,49,51	1	3	0.2368
3	2-5,7	1	3	0.1356
4	89,91	1	3	0.26404
5	111,113,258,259,330,332,353 ,355,364,366,384,386,424,426 ,475,477,498,500,518,520	1	3	0.264
6	151,153,194-197,275,276,404 ,406	1	3	0.268
7	131,133	1	2	0.27566
8	174-176,178	1	3	0.27166
9	215,216,219	1	3	0.648
10	217,220	1	3	0.248
11	241,242	1	3	0.244
12	291,294	1	3	0.59646
13	292,295	1	3	0.22046
14	310,312	1	3	0.21646
15	441,443	1	2	0.27764
16	461,463	1	3	0.27364
17	538,540	1	3	0.262
18	550-553,555	1	3	0.130
19	68,70,72	1	3	0.23684
20	69	1	3	0.36884
21	22,24,26	1	3	0.2676
22	23	1	3	0.3724
23	53	1	3	0.37888
24	9	1	3	0.21696
25	93	1	3	0.42246
26	115,260,334,357,368,388,428 ,479,501,522	1	3	0.4224
27	155,199,277,408	1	3	0.4288
28	135	1	2	0.44106
29	180	1	3	0.43466
30	222	1	3	1.0368
31	223	1	3	0.3968
32	243	1	3	0.3904
33	297	1	3	0.95434
34	298	1	3	0.35274
35	314	1	3	0.34634
36	445	1	2	0.44422
37	465	1	3	0.43782
38	542	1	3	0.4192
39	557	1	3	0.208
40	74	1	3	0.37894
42	28	1	3	0.42816
45	550-553,555	1	2	0.13606
46	598,601,602,604	1	3	-0.2008
47	599,600,603	1	3	-0.5508
48	634-638	1	3	-0.1803
49	677-680	1	3	-0.231
50	865-868	1	3	-0.2345
51	918,921,922,924	1	3	-0.1763
52	919,920,923	1	3	-0.4721
54	1487-1490,1492	1	2	0.07875
55	557	1	2	0.2177
56	605,607	1	3	-0.3213
57	606	1	3	-0.8813
58	639,640	1	3	-0.2884
59	681,682	1	3	-0.3696
60	869,870	1	3	-0.3752
61	925,927	1	3	-0.2821
62	926	1	3	-0.7553
64	1494	1	2	0.126
66	2-5,7	1	2	-0.1361
67	588,591,592,594	1	3	-0.2551
68	589,590,593	1	3	-0.5508



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BELASTUNG

Projekt: 06727-KHS Lippe-Lemgo	**Position:** RM1	Seite: 64

STABLASTEN LF 7

Nr.	Belastete Stäbe	Last-art	Last-Richtung	Parameter [kN, kNm, m, °C, kN/m, kNm/m] P_1			
69	645-648	1	3	0.2345			
70	833-836	1	3	0.231			
71	875-879	1	3	0.18025			
72	908,911,912,914	1	3	-0.1488			
73	909,910,913	1	3	-0.4988			
75	971-974,976	1	2	-0.0521			
76	9	1	2	-0.2177			
77	595,597	1	3	-0.4081			
78	596	1	3	-0.8813			
79	649,650	1	3	0.3752			
80	837,838	1	3	0.3696			
81	880,881	1	3	0.2884			
82	915,917	1	3	-0.238			
83	916	1	3	-0.798			
85	978	1	2	-0.0833			



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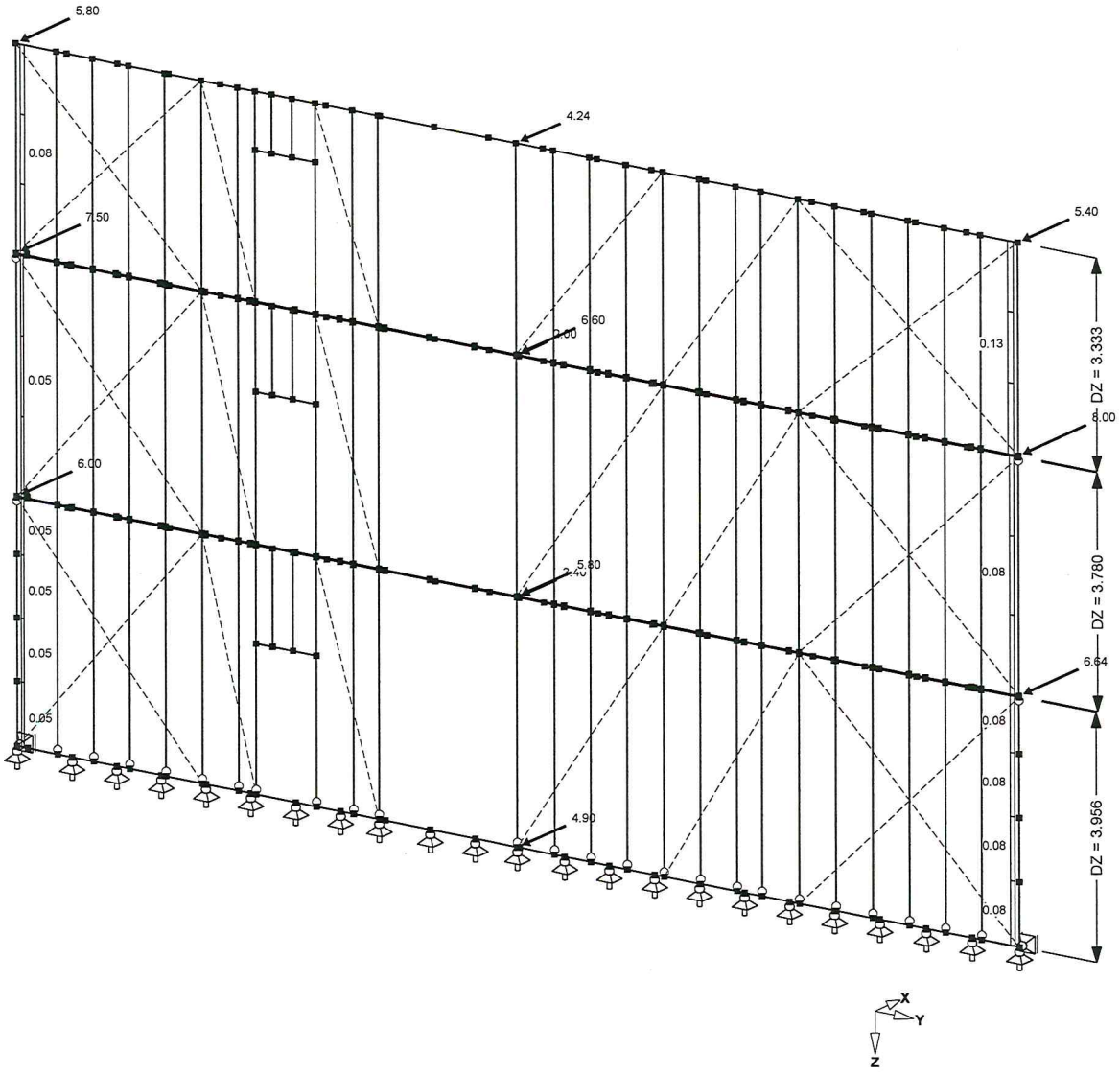
GRAFIK

Projekt: 06727-KHS Lippe-Lemgo	**Position:** RM1	Seite: 65

BELASTUNG INNENWAND (HALTEKRÄFTE)

LF 7 - Wind in (+X) - Richtung
[kN], [kN/m]

Isometrie



Dipl.-Ing. Udo Engels
Staatl. anerk. Sachverständiger

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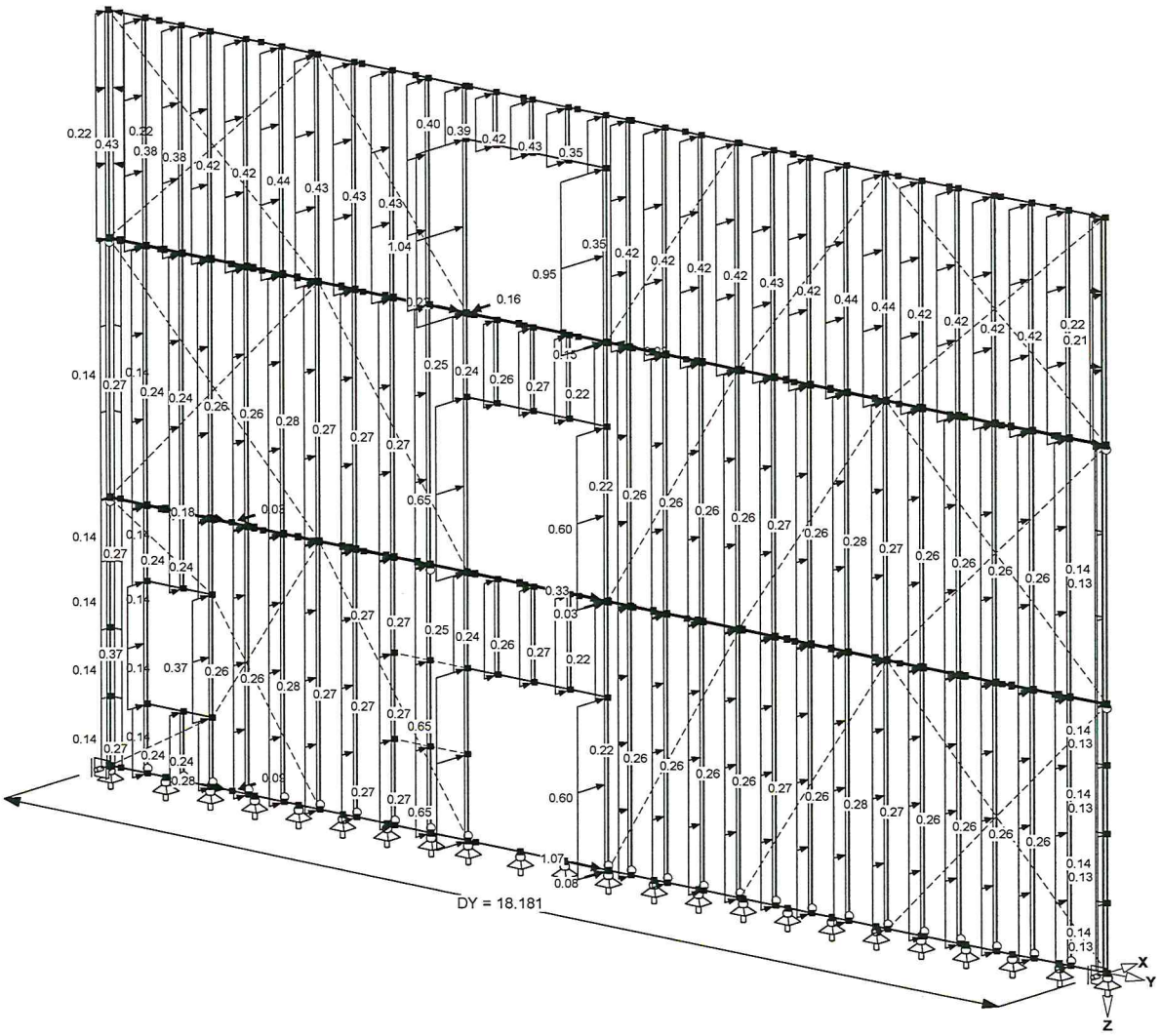
GRAFIK

Projekt: 06727-KHS Lippe-Lemgo	**Position:** RM1	Seite: 66

BELASTUNG AUSSENWAND

LF 7 - Wind in (+x) - Richtung
[kN], [kN/m]

Isometrie



Ingenieurbüro Uwe Ebert
GEPRÜFT
Prüfingenieur für Baustatik

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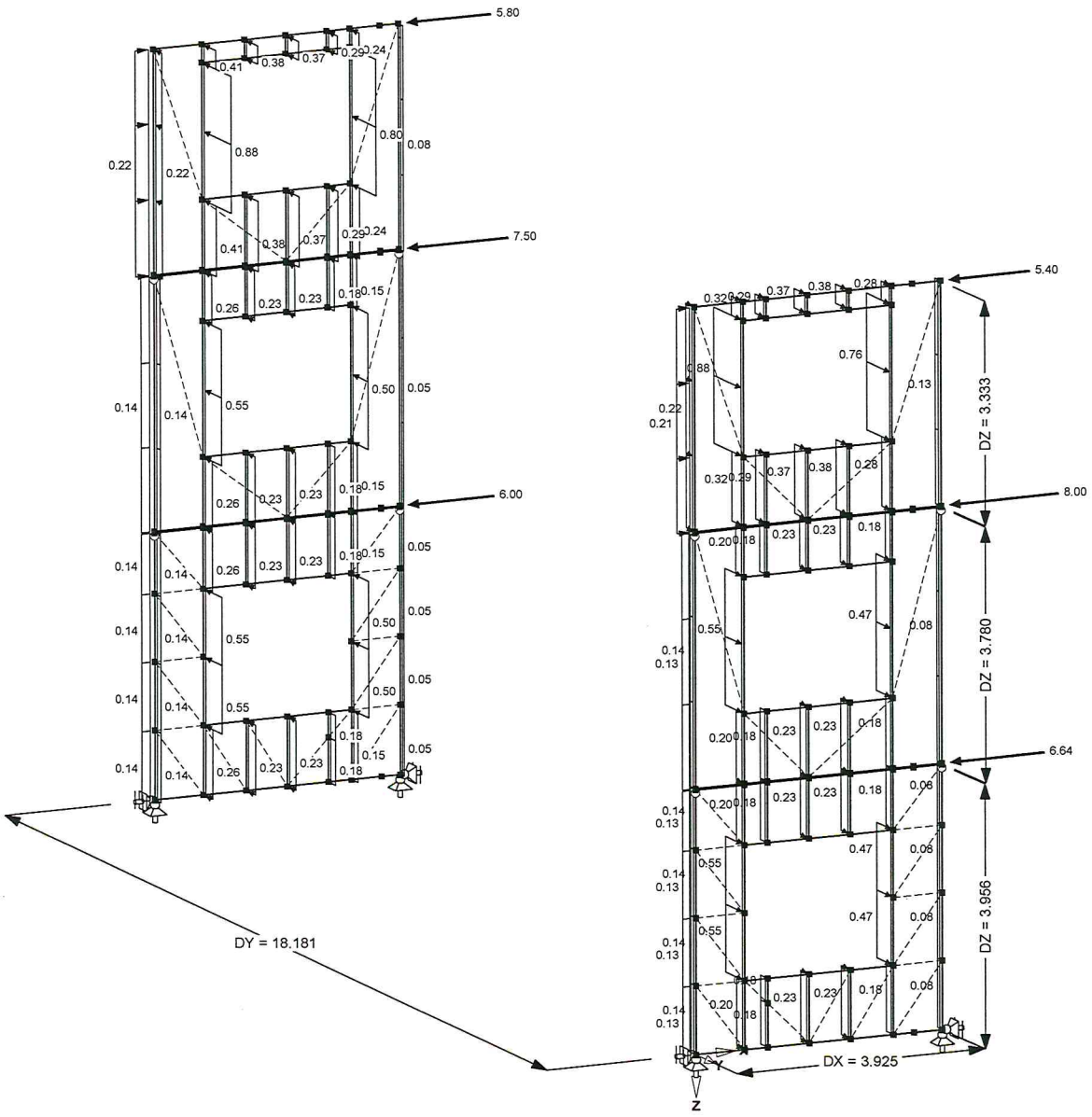
GRAFIK

Projekt: 06727-KHS Lippe-Lemgo	**Position:** RM1	Seite: 67

BELASTUNG STIRNWÄNDE

LF 7 - Wind in (+x) - Richtung
[kN], [kN/m]

Isometrie



Dipl.-Ing. Udo Angelis
GEPRÜFT
Statik Bau Brandschutz

Projekt: 06727-KHS Lippe-Lemgo	**Position:** RM1	Seite: 68

KNOTENKRÄFTE

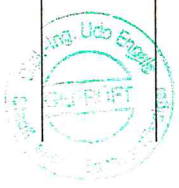
LF 8

Nr.	Belastete Knoten	Knotenkräfte P_X [kN]	P_Y [kN]	P_Z [kN]
3	533,705,884	3.800	0.000	0.000
6	700	3.930	0.000	0.000
8	532,704,881,883	5.300	0.000	0.000
9	701,703	3.000	0.000	0.000
10	702	4.700	0.000	0.000
11	530	3.560	0.000	0.000
12	152	-0.820	0.060	0.000
13	206	-0.440	0.000	0.000
14	56	-2.970	0.150	0.000
15	203	-2.550	-0.220	0.000
16	55	-1.760	0.120	0.000
17	200	-2.310	-0.120	0.000

STABLASTEN

LF 8

Nr.	Belastete Stäbe	Last-art	Last-Richtung	Parameter [kN, kNm, m, °C, kN/m, kNm/m] P_1
1	48,49,51	1	3	-0.2072
3	2-5,7	1	3	-0.1186
4	89,91	1	3	-0.231
5	111,113,258,259,330,332,353,355,364,366,384,386,424,426,475,477,498,500,518,520	1	3	-0.231
6	151,153,194-197,275,276,404,406	1	3	-0.2345
7	131,133	1	2	-0.2412
8	174-176,178	1	3	-0.2377
9	215,216,219	1	3	-0.567
10	217,220	1	3	-0.217
11	241,242	1	3	-0.2135
12	291,294	1	3	-0.5219
13	292,295	1	3	-0.1929
14	310,312	1	3	-0.1894
15	441,443	1	2	-0.2429
16	461,463	1	3	-0.2394
17	538,540	1	3	-0.2292
18	550-553,555	1	3	-0.1138
19	68,70,72	1	3	-0.2072
20	69	1	3	-0.3227
21	22,24,26	1	3	-0.2342
22	23	1	3	-0.3259
23	53	1	3	-0.3315
25	93	1	3	-0.3697
26	115,260,334,357,368,388,428,479,501,522	1	3	-0.3696
27	155,199,277,408	1	3	-0.3752
28	135	1	2	-0.3859
29	180	1	3	-0.3803
30	222	1	3	-0.9072
31	223	1	3	-0.3472
32	243	1	3	-0.3416
33	297	1	3	-0.835
34	298	1	3	-0.3086
35	314	1	3	-0.303
36	445	1	2	-0.3887
37	465	1	3	-0.3831
38	542	1	3	-0.3668
39	557	1	3	-0.182
40	74	1	3	-0.3316
42	28	1	3	-0.3746
44	550-553,555	1	2	0.09719
45	598,601,602,604	1	3	-0.1434
46	599,600,603	1	3	-0.3934
47	634-638	1	3	-0.1287
48	677-680	1	3	-0.165
49	865-868	1	3	-0.1675
50	918,921,922,924	1	3	-0.1259
51	919,920,923	1	3	-0.3372
53	1487-1490,1492	1	2	0.05625
54	557	1	2	0.1555
55	605,607	1	3	-0.2295
56	606	1	3	-0.6295
57	639,640	1	3	-0.206
58	681,682	1	3	-0.264
59	869,870	1	3	-0.268
60	925,927	1	3	-0.2015
61	926	1	3	-0.5395
63	1494	1	2	0.090
64	2-5,7	1	2	0.1555
65	588,591,592,594	1	3	0.2915
66	589,590,593	1	3	0.6295
67	645-648	1	3	-0.268
68	833-836	1	3	-0.264
69	875-879	1	3	-0.206
70	908,911,912,914	1	3	0.170
71	909,910,913	1	3	0.570
73	971-974,976	1	2	0.0595
74	9	1	2	0.2488



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BELASTUNG

Projekt: 06727-KHS Lippe-Lemgo	**Position:** RM1	Seite: 69

STABLASTEN LF 8

Nr.	Belastete Stäbe	Last-art	Last-Richtung	Parameter [kN, kNm, m, °C, kN/m, kNm/m] P_1			
75	595,597	1	3	0.4664			
76	596	1	3	1.0072			
77	649,650	1	3	-0.4288			
78	837,838	1	3	-0.4224			
79	880,881	1	3	-0.3296			
80	915,917	1	3	0.272			
81	916	1	3	0.912			
83	978	1	2	0.0952			



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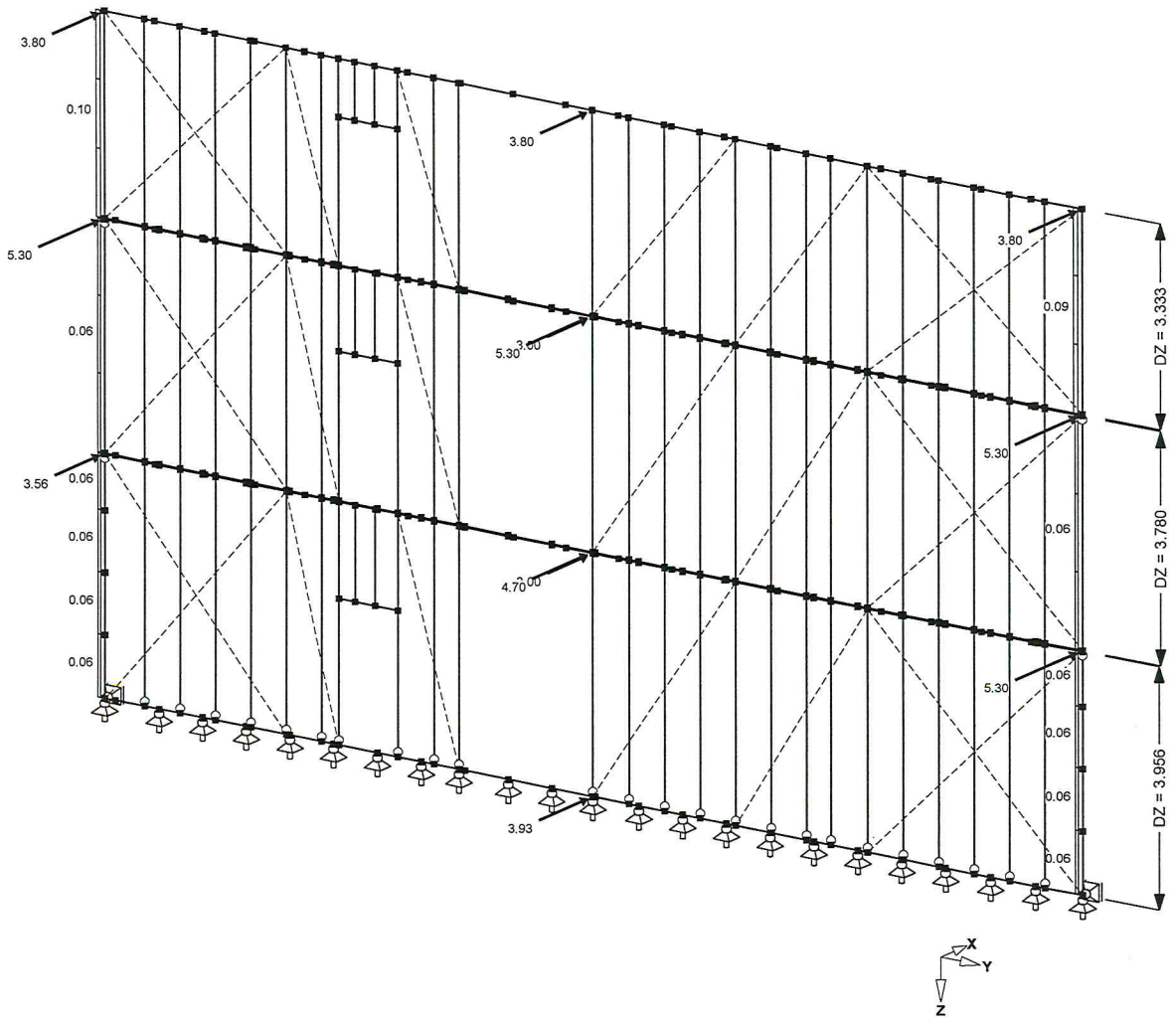
GRAFIK

Projekt: 06727-KHS Lippe-Lemgo	**Position:** RM1	Seite: 70

BELASTUNG INNENWAND (HALTEKRÄFTE)

LF 8 - Wind in (+y) - Richtung
[kN], [kN/m]

Isometrie



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GEPRÜFT
Staatl. anerk. Sachverständiger

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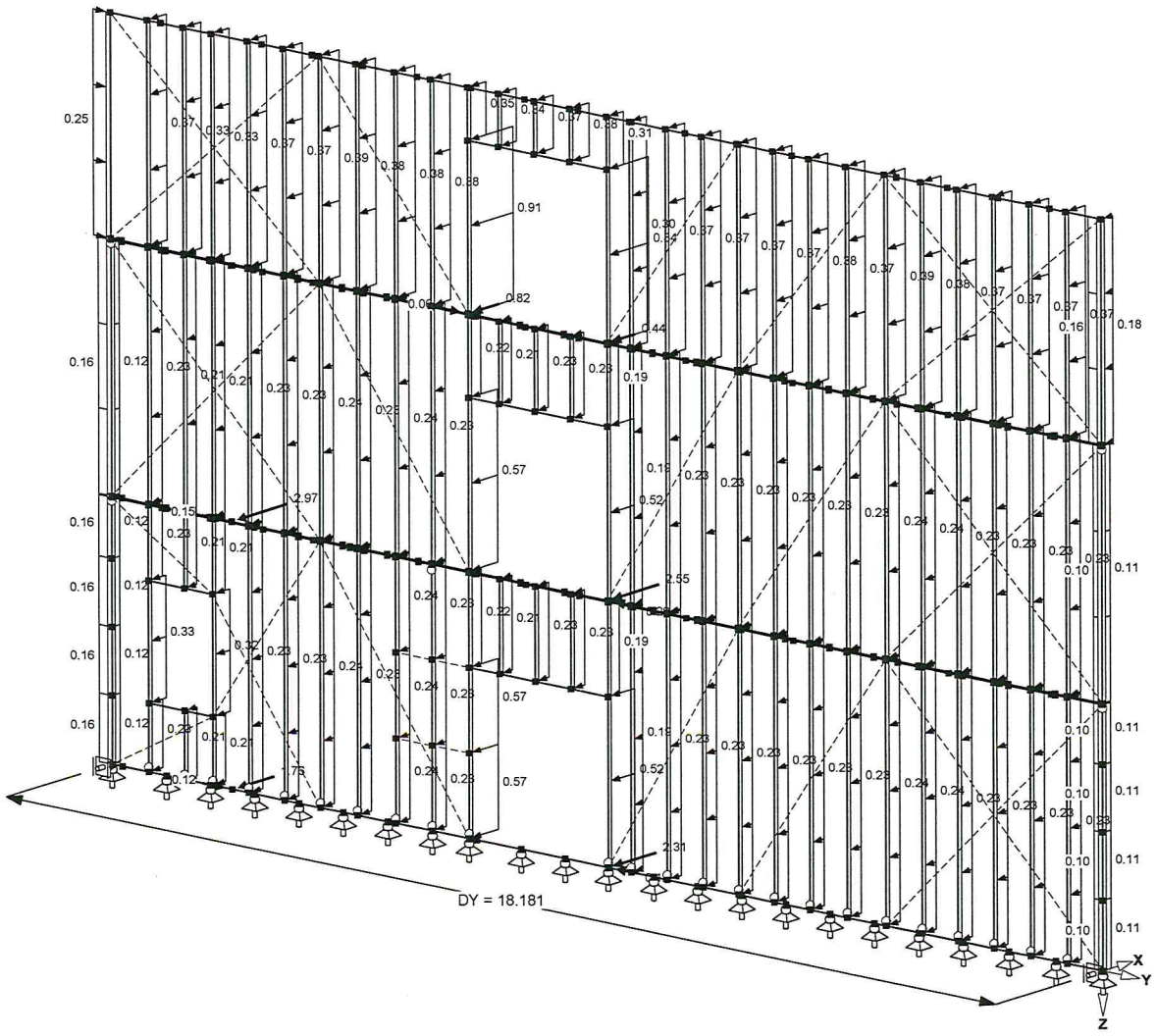
GRAFIK

Projekt: 06727-KHS Lippe-Lemgo	**Position:** RM1	Seite: 71

BELASTUNG AUSSENWAND

LF 8 - Wind in (+y) - Richtung
[kN], [kN/m]

Isometrie



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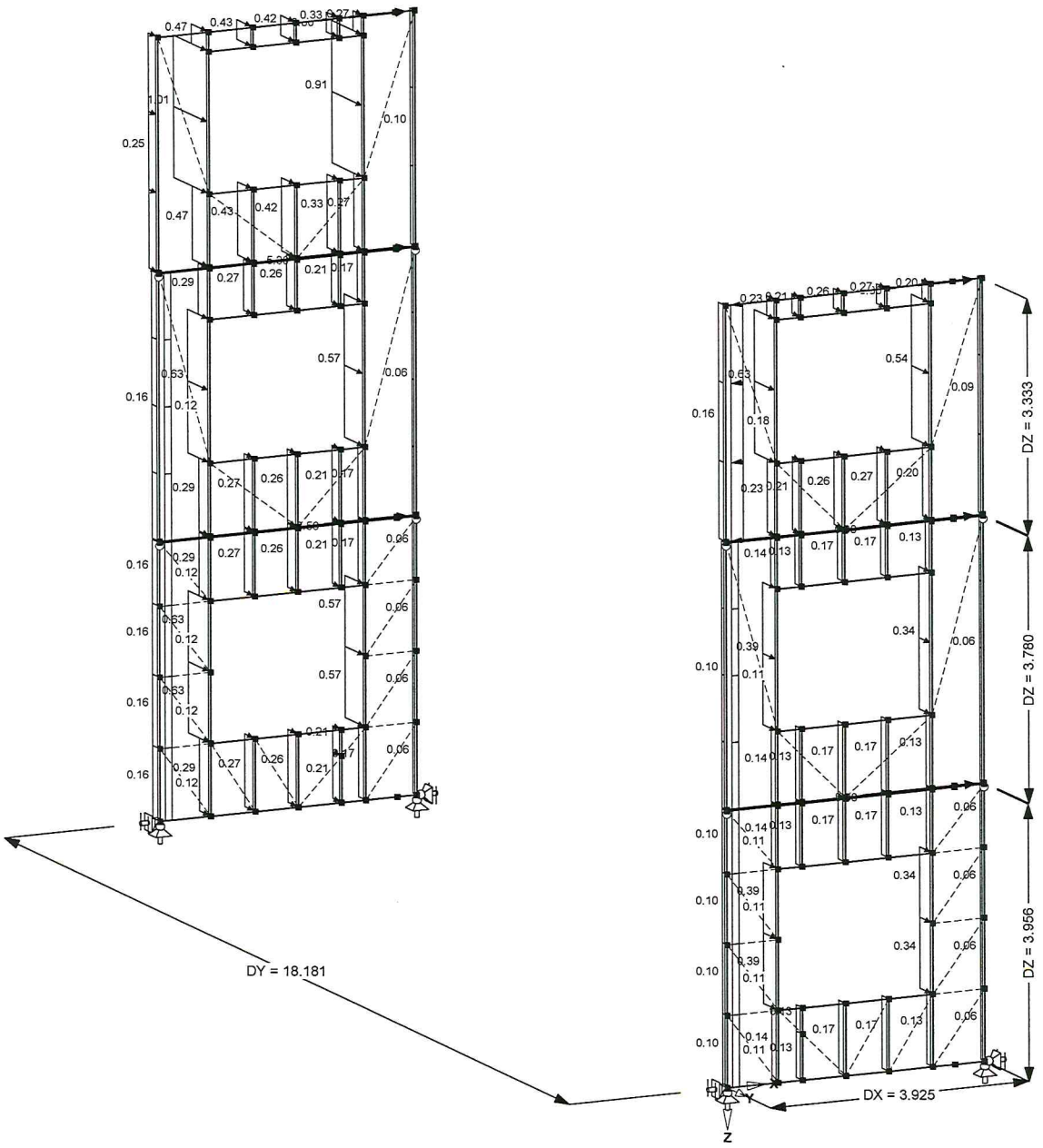
GRAFIK

Projekt: 06727-KHS Lippe-Lemgo	**Position:** RM1	Seite: 72

BELASTUNG STIRNWÄNDE

LF 8 - Wind in (+y) - Richtung
[kN], [kN/m]

Isometrie



Dipl.-Ing. Udo Engels
GEPRÜFT
Staatl. anerk. Sachverständiger

KNOTENKRÄFTE

LF 9

Nr.	Belastete Knoten	Knotenkräfte P_X [kN]	P_Y [kN]	P_Z [kN]
6	701	2.220	0.000	0.000
8	532,883	4.200	0.000	0.000
9	703	1.500	0.000	0.000
10	530,702,881	3.360	0.000	0.000
11	700	1.730	0.000	0.000
12	533	3.370	0.000	0.000
13	705	2.650	0.000	0.000
14	884	3.600	0.000	0.000
15	704	3.460	0.000	0.000
16	152	0.160	-0.230	0.000
17	206	-0.150	0.220	0.000
18	56	0.030	-0.180	0.000
19	203	-0.030	-0.330	0.000
20	55	0.090	-0.280	0.000
21	200	-0.080	-1.070	0.000

STABLASTEN

LF 9

Nr.	Belastete Stäbe	Last-art	Last-Richtung	Parameter [kN, kNm, m, °C, kN/m, kNm/m] P_1
1	48,49,51	1	3	-0.148
3	2-5,7	1	3	-0.0847
4	89,91	1	3	-0.165
5	111,113,258,259,330,332,353 ,355,364,366,384,386,424,426 ,475,477,498,500,518,520	1	3	-0.165
6	151,153,194-197,275,276,404 ,406	1	3	-0.1675
7	131,133	1	2	-0.1723
8	174-176,178	1	3	-0.1698
9	215,216,219	1	3	-0.405
10	217,220	1	3	-0.155
11	241,242	1	3	-0.1525
12	291,294	1	3	-0.3728
13	292,295	1	3	-0.1378
14	310,312	1	3	-0.1353
15	441,443	1	2	-0.1735
16	461,463	1	3	-0.171
17	538,540	1	3	-0.1637
18	550-553,555	1	3	-0.0812
19	68,70,72	1	3	-0.148
20	69	1	3	-0.2305
21	22,24,26	1	3	-0.1673
22	23	1	3	-0.2327
23	53	1	3	-0.2368
24	9	1	3	-0.1356
25	93	1	3	-0.264
26	115,260,334,357,368,388,428 ,479,501,522	1	3	-0.264
27	155,199,277,408	1	3	-0.268
28	135	1	2	-0.2757
29	180	1	3	-0.2717
30	222	1	3	-0.648
31	223	1	3	-0.248
32	243	1	3	-0.244
33	297	1	3	-0.5965
34	298	1	3	-0.2205
35	314	1	3	-0.2165
36	445	1	2	-0.2776
37	465	1	3	-0.2736
38	542	1	3	-0.262
39	557	1	3	-0.130
40	74	1	3	-0.2368
42	28	1	3	-0.2676
45	550-553,555	1	2	0.13606
46	598,601,602,604	1	3	-0.2008
47	599,600,603	1	3	-0.5508
48	634-638	1	3	-0.1803
49	677-680	1	3	-0.231
50	865-868	1	3	-0.2345
51	918,921,922,924	1	3	-0.1763
52	919,920,923	1	3	-0.4721
54	1487-1490,1492	1	2	0.07875
55	557	1	2	0.2177
56	605,607	1	3	-0.3213
57	606	1	3	-0.8813
58	639,640	1	3	-0.2884
59	681,682	1	3	-0.3696
60	869,870	1	3	-0.3752
61	925,927	1	3	-0.2821
62	926	1	3	-0.7553
64	1494	1	2	0.126
65	2-5,7	1	2	-0.1361
66	588,591,592,594	1	3	-0.2551
67	589,590,593	1	3	-0.5508
68	645-648	1	3	0.2345
69	833-836	1	3	0.231
70	875-879	1	3	0.18025

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BELASTUNG

Projekt: 06727-KHS Lippe-Lemgo	**Position:** RM1	Seite: 74

STABLASTEN LF 9

Nr.	Belastete Stäbe	Last-art	Last-Richtung	Parameter [kN, kNm, m, °C, kN/m, kNm/m] P_1			
71	908,911,912,914	1	3	-0.1488			
72	909,910,913	1	3	-0.4988			
74	971-974,976	1	2	-0.0521			
75	9	1	2	-0.2177			
76	595,597	1	3	-0.4081			
77	596	1	3	-0.8813			
78	649,650	1	3	0.3752			
79	837,838	1	3	0.3696			
80	880,881	1	3	0.2884			
81	915,917	1	3	-0.238			
82	916	1	3	-0.798			
84	978	1	2	-0.0833			

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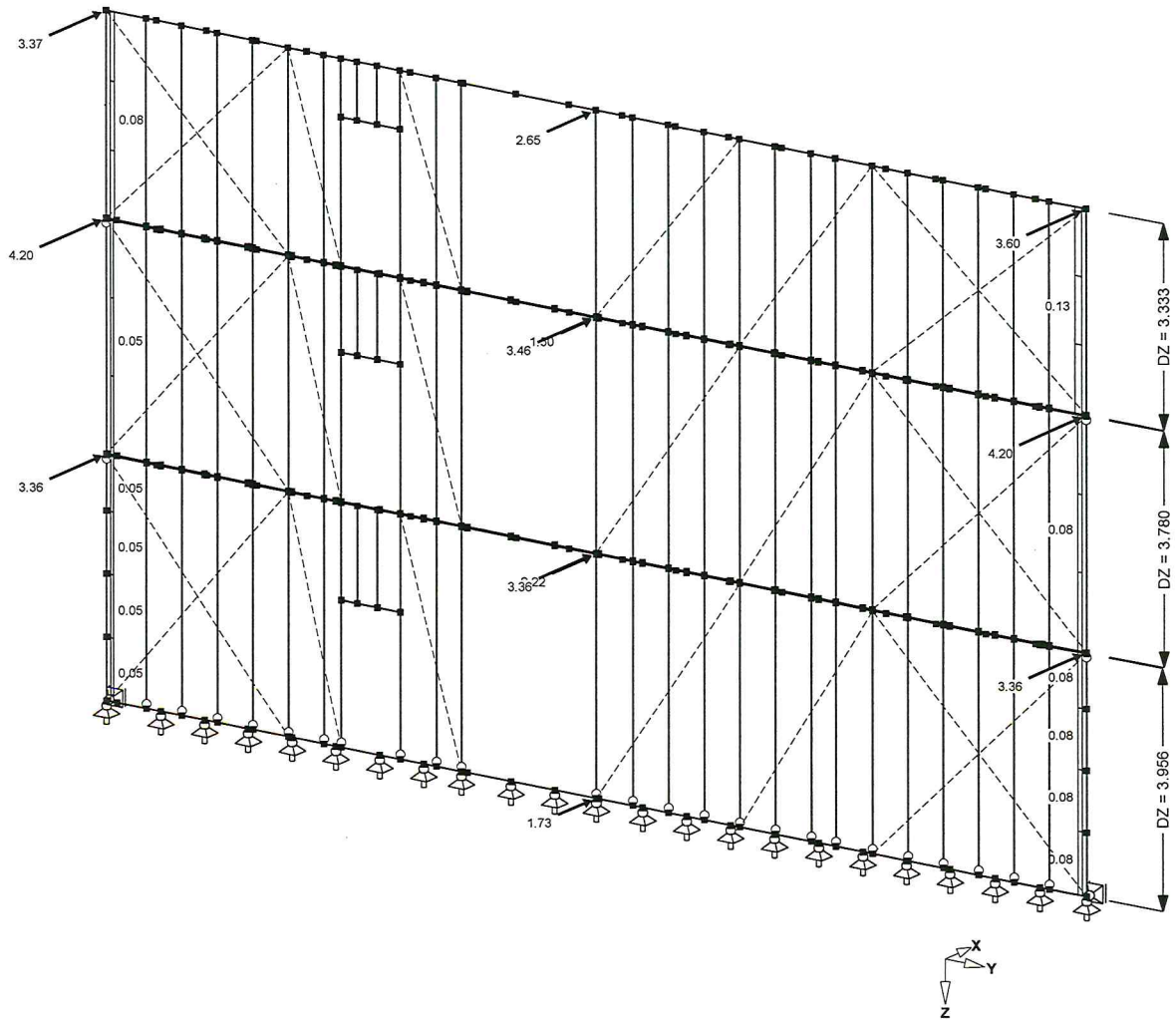
GRAFIK

Projekt: 06727-KHS Lippe-Lemgo	**Position:** RM1	Seite: 75

BELASTUNG INNENWAND (HALTEKRÄFTE)

LF 9 - Wind in (-x) - Richtung
[kN], [kN/m]

Isometrie



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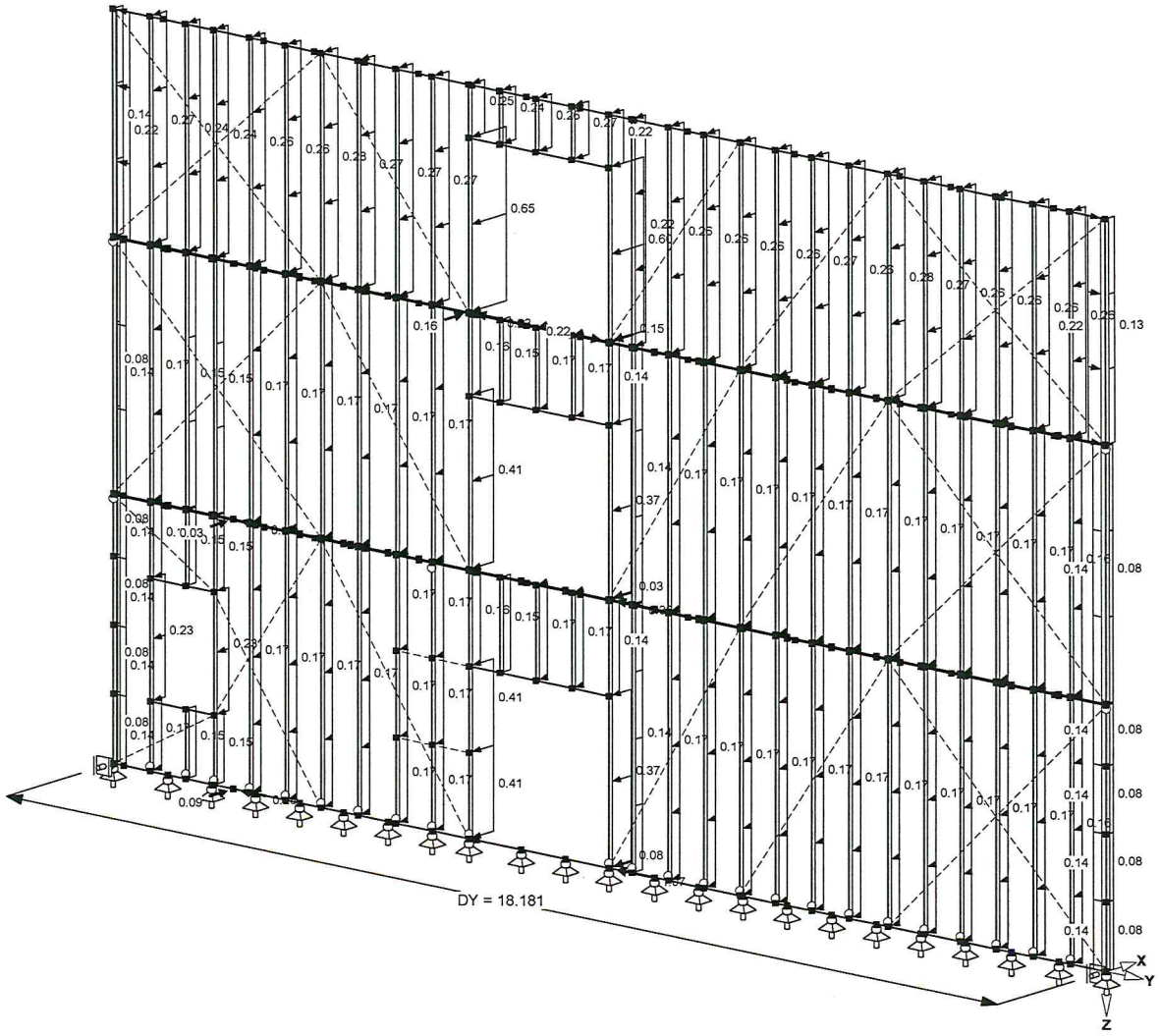
GRAFIK

Projekt: 06727-KHS Lippe-Lemgo	**Position:** RM1	Seite: 76

BELASTUNG AUSSENWAND

LF 9 - Wind in (-x) - Richtung
[kN], [kN/m]

Isometrie



DIN 18800 Teil 7 Stahl-, Stahlbeton- und Spannbetonbau
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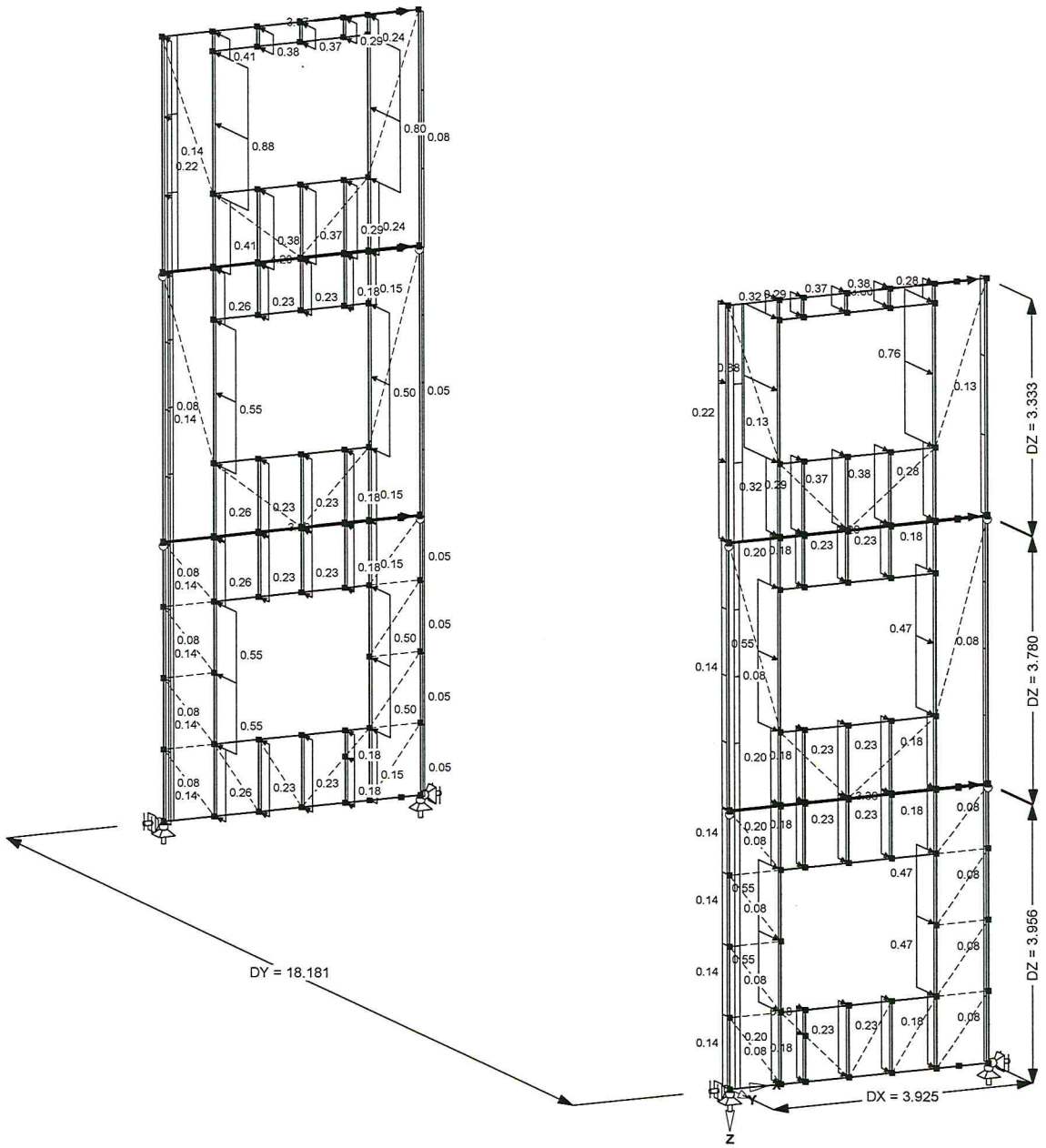
GRAFIK

Projekt: 06727-KHS Lippe-Lemgo	**Position:** RM1	Seite: 77

BELASTUNG STIRNWÄNDE

LF 9 - Wind in (-x) - Richtung
[kN], [kN/m]

Isometrie



KNOTENKRÄFTE

LF 10

Nr.	Belastete Knoten	Knotenkräfte P_X [kN]	P_Y [kN]	P_Z [kN]
1	705	3.800	0.000	0.000
3	700	4.000	0.000	0.000
4	881	4.200	0.000	0.000
5	532,704,883	6.200	0.000	0.000
6	703	3.300	0.000	0.000
7	702	4.500	0.000	0.000
9	533	5.100	0.000	0.000
10	884	5.000	0.000	0.000
11	530,701	4.800	0.000	0.000
12	200	2.310	0.120	0.000
13	152	0.840	0.000	0.000
14	206	0.470	0.000	0.000
15	56	2.900	-0.140	0.000
16	203	2.550	0.170	0.000
17	55	1.770	-0.120	0.000

STABLASTEN

LF 10

Nr.	Belastete Stäbe	Last-art	Last-Richtung	Parameter [kN, kNm, m, °C, kN/m, kNm/m] P_1
1	48,49,51	1	3	-0.2072
3	2-5,7	1	3	-0.1186
4	89,91	1	3	-0.231
5	111,113,258,259,330,332,353 ,355,364,366,384,386,424,426 ,475,477,498,500,518,520	1	3	-0.231
6	151,153,194-197,275,276,404 ,406	1	3	-0.2345
7	131,133	1	2	-0.2412
8	174-176,178	1	3	-0.2377
9	215,216,219	1	3	-0.567
10	217,220	1	3	-0.217
11	241,242	1	3	-0.2135
12	291,294	1	3	-0.5219
13	292,295	1	3	-0.1929
14	310,312	1	3	-0.1894
15	441,443	1	2	-0.2429
16	461,463	1	3	-0.2394
17	538,540	1	3	-0.2292
18	550-553,555	1	3	-0.1138
19	68,70,72	1	3	-0.2072
20	69	1	3	-0.3227
21	22,24,26	1	3	-0.2342
22	23	1	3	-0.3259
23	53	1	3	-0.3315
24	9	1	3	-0.1898
25	93	1	3	-0.3697
26	115,260,334,357,368,388,428 ,479,501,522	1	3	-0.3696
27	155,199,277,408	1	3	-0.3752
28	135	1	2	-0.3859
29	180	1	3	-0.3803
30	222	1	3	-0.9072
31	223	1	3	-0.3472
32	243	1	3	-0.3416
33	297	1	3	-0.835
34	298	1	3	-0.3086
35	314	1	3	-0.303
36	445	1	2	-0.3887
37	465	1	3	-0.3831
38	542	1	3	-0.3668
39	557	1	3	-0.182
40	74	1	3	-0.3316
42	28	1	3	-0.3746
44	550-553,555	1	2	-0.1555
45	598,601,602,604	1	3	0.2295
46	599,600,603	1	3	0.6295
47	634-638	1	3	0.206
48	677-680	1	3	0.264
49	865-868	1	3	0.268
50	918,921,922,924	1	3	0.2015
51	919,920,923	1	3	0.5395
53	1487-1490,1492	1	2	-0.090
54	557	1	2	-0.2488
55	605,607	1	3	0.3672
56	606	1	3	1.0072
57	639,640	1	3	0.3296
58	681,682	1	3	0.4224
59	869,870	1	3	0.4288
60	925,927	1	3	0.3224
61	926	1	3	0.8632
63	1494	1	2	-0.144
64	2-5,7	1	2	-0.0972
65	588,591,592,594	1	3	-0.1822
66	589,590,593	1	3	-0.3934
67	645-648	1	3	0.1675
68	833-836	1	3	0.165
69	875-879	1	3	0.12875

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BELASTUNG

Projekt: 06727-KHS Lippe-Lemgo	**Position:** RM1	Seite: 79

STABLASTEN LF 10

Nr.	Belastete Stäbe	Last-art	Last-Richtung	Parameter [kN, kNm, m, °C, kN/m, kNm/m] P_1			
70	908,911,912,914	1	3	-0.1063			
71	909,910,913	1	3	-0.3562			
73	971-974,976	1	2	-0.0372			
74	9	1	2	-0.1555			
75	595,597	1	3	-0.2915			
76	596	1	3	-0.6295			
77	649,650	1	3	0.268			
78	837,838	1	3	0.264			
79	880,881	1	3	0.206			
80	915,917	1	3	-0.170			
81	916	1	3	-0.570			
83	978	1	2	-0.0595			

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