

RESULTS for STRENGTH

Live Load included in calculating Tmax

#	Geogrid Elevation [ft]	Tavailable [lb/ft]	Tmax [lb/ft]	Tmd [lb/ft]	Specified minimum CDR static	Actual calculated CDR static	Specified minimum CDR seismic	Actual calculated CDR seismic	Product name
1	0.00	3770	253.00	N/A	N/A	14.901	N/A	N/A	8XT
2	0.75	3770	487.16	N/A	N/A	7.739	N/A	N/A	8XT
3	1.50	3770	462.05	N/A	N/A	8.159	N/A	N/A	8XT
4	2.25	3770	436.95	N/A	N/A	8.628	N/A	N/A	8XT
5	3.00	3770	411.87	N/A	N/A	9.153	N/A	N/A	8XT
6	3.75	3770	386.80	N/A	N/A	9.747	N/A	N/A	8XT
7	4.50	3770	361.74	N/A	N/A	10.422	N/A	N/A	8XT
8	5.25	3770	336.69	N/A	N/A	11.197	N/A	N/A	8XT
9	6.00	3770	311.67	N/A	N/A	12.096	N/A	N/A	8XT
10	6.75	3770	286.66	N/A	N/A	13.151	N/A	N/A	8XT
11	7.50	3770	261.67	N/A	N/A	14.407	N/A	N/A	8XT
12	8.25	3770	236.70	N/A	N/A	15.927	N/A	N/A	8XT
13	9.00	3770	211.94	N/A	N/A	17.788	N/A	N/A	8XT
14	9.75	3770	187.45	N/A	N/A	20.112	N/A	N/A	8XT
15	10.50	3770	163.12	N/A	N/A	23.112	N/A	N/A	8XT
16	11.25	3770	138.98	N/A	N/A	27.125	N/A	N/A	8XT
17	12.00	3770	115.11	N/A	N/A	32.750	N/A	N/A	8XT
18	12.75	3770	91.60	N/A	N/A	41.155	N/A	N/A	8XT
19	13.50	3770	68.62	N/A	N/A	54.940	N/A	N/A	8XT
20	14.25	3770	61.92	N/A	N/A	60.883	N/A	N/A	8XT

RESULTS for PULLOUT

Live Load included in calculating Tmax

NOTE: Live load is not included in calculating the overburden pressure used to assess pullout resistance.

#	Geogrid Elevation [ft]	Coverage Ratio	Tmax [lb/ft]	Tmd [lb/ft]	Le [ft]	La [ft]	Avail. Static Pullout, Pr [lb/ft]	Specified Static CDR	Actual Static CDR	Avail. Seism. Pullout, Pr [lb/ft]	Specified Seismic CDR	Actual Seismic CDR
1	0.00	1.000	253.0	N/A	14.00	0.00	26595.9	N/A	105.124	N/A	N/A	N/A
2	0.75	1.000	487.2	N/A	13.63	0.37	24616.0	N/A	50.530	N/A	N/A	N/A
3	1.50	1.000	462.0	N/A	13.27	0.73	22701.0	N/A	49.131	N/A	N/A	N/A
4	2.25	1.000	437.0	N/A	12.90	1.10	20855.6	N/A	47.730	N/A	N/A	N/A
5	3.00	1.000	411.9	N/A	12.54	1.46	19079.1	N/A	46.323	N/A	N/A	N/A
6	3.75	1.000	386.8	N/A	12.17	1.83	17371.3	N/A	44.911	N/A	N/A	N/A
7	4.50	1.000	361.7	N/A	11.81	2.19	15732.4	N/A	43.491	N/A	N/A	N/A
8	5.25	1.000	336.7	N/A	11.44	2.56	14162.3	N/A	42.063	N/A	N/A	N/A
9	6.00	1.000	311.7	N/A	11.07	2.93	12662.8	N/A	40.629	N/A	N/A	N/A
10	6.75	1.000	286.7	N/A	10.71	3.29	11230.2	N/A	39.176	N/A	N/A	N/A
11	7.50	1.000	261.7	N/A	10.34	3.66	9866.2	N/A	37.705	N/A	N/A	N/A
12	8.25	1.000	236.7	N/A	9.98	4.02	8570.9	N/A	36.210	N/A	N/A	N/A
13	9.00	1.000	211.9	N/A	9.61	4.39	7345.4	N/A	34.658	N/A	N/A	N/A
14	9.75	1.000	187.4	N/A	9.24	4.76	6190.1	N/A	33.023	N/A	N/A	N/A
15	10.50	1.000	163.1	N/A	8.88	5.12	5102.9	N/A	31.283	N/A	N/A	N/A
16	11.25	1.000	139.0	N/A	8.51	5.49	4083.5	N/A	29.381	N/A	N/A	N/A
17	12.00	1.000	115.1	N/A	8.15	5.85	3131.5	N/A	27.203	N/A	N/A	N/A
18	12.75	1.000	91.6	N/A	7.78	6.22	2246.2	N/A	24.521	N/A	N/A	N/A
19	13.50	1.000	68.6	N/A	7.42	6.58	1425.8	N/A	20.778	N/A	N/A	N/A
20	14.25	1.000	61.9	N/A	7.05	6.95	670.7	N/A	10.831	N/A	N/A	N/A