

ANALYSIS: CALCULATED FACTORS (Static conditions)

Bearing capacity, CDR = 4.71, factored bearing load = 3237 lb/ft².

Foundation Interface: Direct sliding, CDR = 3.012, Eccentricity, e/L = 0.0749, CDR-overturning = 6.74

GEOGRID				CONNECTION			Geogrid strength CDR	Pullout resistance CDR	Direct sliding CDR	Eccentricity e/L	Product name
#	Elevation [ft]	Length [ft]	Type #	CDR [pullout resistance]	CDR [connection break]	CDR [geogrid strength]					
1	0.00	14.00	1	N/A	N/A	N/A	14.901	105.124	1.882	0.0749	8XT
2	0.75	14.00	1	N/A	N/A	N/A	7.739	50.530	1.982	0.0677	8XT
3	1.50	14.00	1	N/A	N/A	N/A	8.159	49.131	2.092	0.0608	8XT
4	2.25	14.00	1	N/A	N/A	N/A	8.628	47.730	2.216	0.0544	8XT
5	3.00	14.00	1	N/A	N/A	N/A	9.153	46.323	2.356	0.0483	8XT
6	3.75	14.00	1	N/A	N/A	N/A	9.747	44.911	2.514	0.0426	8XT
7	4.50	14.00	1	N/A	N/A	N/A	10.422	43.491	2.695	0.0373	8XT
8	5.25	14.00	1	N/A	N/A	N/A	11.197	42.063	2.904	0.0324	8XT
9	6.00	14.00	1	N/A	N/A	N/A	12.096	40.629	3.148	0.0279	8XT
10	6.75	14.00	1	N/A	N/A	N/A	13.151	39.176	3.437	0.0237	8XT
11	7.50	14.00	1	N/A	N/A	N/A	14.407	37.705	3.784	0.0200	8XT
12	8.25	14.00	1	N/A	N/A	N/A	15.927	36.210	4.210	0.0166	8XT
13	9.00	14.00	1	N/A	N/A	N/A	17.788	34.658	4.743	0.0137	8XT
14	9.75	14.00	1	N/A	N/A	N/A	20.112	33.023	5.431	0.0112	8XT
15	10.50	14.00	1	N/A	N/A	N/A	23.112	31.283	6.352	0.0091	8XT
16	11.25	14.00	1	N/A	N/A	N/A	27.125	29.381	7.650	0.0076	8XT
17	12.00	14.00	1	N/A	N/A	N/A	32.750	27.203	9.613	0.0067	8XT
18	12.75	14.00	1	N/A	N/A	N/A	41.155	24.521	12.931	0.0066	8XT
19	13.50	14.00	1	N/A	N/A	N/A	54.940	20.778	19.736	0.0081	8XT
20	14.25	14.00	1	N/A	N/A	N/A	60.883	10.831	41.510	0.0142	8XT