

Walls 5a and 6 Static

Global Minimum Query (spencer) - Safety Factor: 1.41454

Slice Number	Width [ft]	Weight [lbs]	Angle of Slice Base [deg]	Base Material	Base Cohesion [psf]	Base Friction Angle [deg]	Shear Stress [psf]	Shear Strength [psf]	Base Normal Stress [psf]	Pore Pressure [psf]	Effective Normal Stress [psf]	Base Vertical Stress [psf]	Effective Vertical Stress [psf]
1	1.4843	30.2131	-12.8743	Mass Wasting Colluvium	100	38	175.748	248.603	190.204	0	190.204	150.035	150.035
2	1.4843	87.0438	-11.3848	Mass Wasting Colluvium	100	38	214.912	304.002	261.11	0	261.11	217.836	217.836
3	1.4843	136.739	-9.903	Mass Wasting Colluvium	100	38	243.657	344.663	313.155	0	313.155	270.617	270.617
4	1.4843	179.403	-8.42788	Mass Wasting Colluvium	100	38	263.83	373.198	349.678	0	349.678	310.587	310.587
5	1.4843	215.122	-6.95837	Mass Wasting Colluvium	100	38	276.873	391.648	373.293	0	373.293	339.501	339.501
6	1.4843	243.969	-5.49345	Mass Wasting Colluvium	100	38	283.928	401.627	386.065	0	386.065	358.759	358.759
7	1.4843	266	-4.03212	Mass Wasting Colluvium	100	38	285.904	404.423	389.643	0	389.643	369.49	369.49
8	1.4843	281.259	-2.57342	Mass Wasting Colluvium	100	38	283.535	401.072	385.355	0	385.355	372.611	372.611
9	1.4843	289.776	-1.11639	Mass Wasting Colluvium	100	38	277.418	392.419	374.279	0	374.279	368.873	368.873
10	1.4843	292.145	0.339921	Mass Wasting Colluvium	100	38	268.361	379.607	357.88	0	357.88	359.472	359.472
11	1.4843	335.858	1.79645	Mass Wasting Colluvium	100	38	282.023	398.933	382.617	0	382.617	391.462	391.462
12	1.4843	403.51	3.25415	Mass Wasting Colluvium	100	38	306.758	433.922	427.4	0	427.4	444.841	444.841
13	1.4843	466.521	4.71395	Mass Wasting Colluvium	100	38	327.206	462.846	464.422	0	464.422	491.403	491.403
14	1.4843	1324.86	6.17683	Mass Wasting Colluvium	100	38	721.889	1021.14	1179	0	1179	1257.13	1257.13
15	1.4843	2508.14	7.64377	Mass Wasting Colluvium	100	38	1235.24	1747.3	2108.45	0	2108.45	2274.23	2274.23
16	1.4843	2465.94	9.11578	Mass Wasting Colluvium	100	38	1173.61	1660.12	1996.87	0	1996.87	2185.18	2185.18
17	1.4843	2429.03	10.5939	Mass Wasting Colluvium	100	38	1117.98	1581.43	1896.14	0	1896.14	2105.24	2105.24
18	1.4843	2407.78	12.0791	Mass Wasting Colluvium	100	38	1071.98	1516.36	1812.86	0	1812.86	2042.26	2042.26
19	1.4843	2379.34	13.5727	Mass Wasting Colluvium	100	38	1025.63	1450.8	1728.94	0	1728.94	1976.55	1976.55
20	1.4843	2343.58	15.0757	Mass Wasting Colluvium	100	38	978.919	1384.72	1644.37	0	1644.37	1908.06	1908.06
21	1.4843	2452.36	16.5895	Mass Wasting Colluvium	100	38	987.932	1397.47	1660.68	0	1660.68	1955	1955
22	1.4843	4605.44	18.1152	Mass Wasting Colluvium	100	38	1725.3	2440.51	2995.71	0	2995.71	3560.13	3560.13

23	1.81745	8251.94	19.829	Reinforced Fill	135	38	2426.4	3432.24	4220.27	0	4220.27	5095.21	5095.21
24	1.81745	8227.84	21.7365	Reinforced Fill	135	38	2325.99	3290.2	4038.48	0	4038.48	4965.81	4965.81
25	1.40314	6284.64	23.4464	Mass Wasting Colluvium	100	38	2196.57	3107.13	3848.95	0	3848.95	4801.6	4801.6
26	1.40314	6250.57	24.9558	Mass Wasting Colluvium	100	38	2119.07	2997.51	3708.64	0	3708.64	4694.79	4694.79
27	1.40314	6208.87	26.4839	Mass Wasting Colluvium	100	38	2041.53	2887.82	3568.24	0	3568.24	4585.39	4585.39
28	1.40314	6159.24	28.0326	Mass Wasting Colluvium	100	38	1963.83	2777.91	3427.57	0	3427.57	4473.19	4473.19
29	1.40314	6101.36	29.604	Mass Wasting Colluvium	100	38	1885.88	2667.65	3286.44	0	3286.44	4357.94	4357.94
30	1.40314	6034.83	31.2002	Mass Wasting Colluvium	100	38	1807.58	2556.9	3144.69	0	3144.69	4239.41	4239.41
31	1.40314	5959.21	32.8239	Mass Wasting Colluvium	100	38	1728.86	2445.54	3002.15	0	3002.15	4117.35	4117.35
32	1.40314	5874.02	34.4779	Mass Wasting Colluvium	100	38	1649.61	2333.44	2858.67	0	2858.67	3991.48	3991.48
33	1.40314	5778.68	36.1654	Mass Wasting Colluvium	100	38	1569.75	2220.48	2714.1	0	2714.1	3861.53	3861.53
34	1.40314	5672.54	37.8901	Mass Wasting Colluvium	100	38	1489.21	2106.55	2568.27	0	2568.27	3727.17	3727.17
35	1.40314	5554.82	39.6562	Mass Wasting Colluvium	100	38	1407.89	1991.52	2421.03	0	2421.03	3588.07	3588.07
36	1.40314	5424.63	41.4687	Mass Wasting Colluvium	100	38	1325.71	1875.27	2272.25	0	2272.25	3443.85	3443.85
37	0.555213	2107.99	42.7582	Reinforced Fill	135	38	1290.61	1825.62	2163.89	0	2163.89	3357.26	3357.26
38	1.40094	5211.99	44.0858	Mass Wasting Colluvium	100	38	1209.48	1710.86	2061.8	0	2061.8	3233.29	3233.29
39	1.40094	5047.76	46.0324	Mass Wasting Colluvium	100	38	1125.02	1591.38	1908.88	0	1908.88	3075.18	3075.18
40	1.40094	4866.56	48.0502	Mass Wasting Colluvium	100	38	1039.39	1470.26	1753.85	0	1753.85	2910.24	2910.24
41	1.40094	4666.36	50.1507	Mass Wasting Colluvium	100	38	952.5	1347.35	1596.54	0	1596.54	2737.77	2737.77
42	1.40094	4444.54	52.3482	Mass Wasting Colluvium	100	38	864.26	1222.53	1436.77	0	1436.77	2556.94	2556.94
43	1.40094	4197.74	54.6613	Mass Wasting Colluvium	100	38	774.542	1095.62	1274.34	0	1274.34	2366.7	2366.7
44	1.40094	3921.43	57.1152	Mass Wasting Colluvium	100	38	683.231	966.458	1109.01	0	1109.01	2165.74	2165.74
45	1.40094	3609.31	59.7449	Mass Wasting Colluvium	100	38	590.186	834.841	940.553	0	940.553	1952.35	1952.35
46	1.40094	3252.44	62.6023	Mass Wasting Colluvium	100	38	495.271	700.58	768.708	0	768.708	1724.28	1724.28
47	1.40094	2837.03	65.7705	Mass Wasting Colluvium	100	38	398.323	563.444	593.18	0	593.18	1478.27	1478.27

48	1.40094	2335.69	69.3985	Mass Wasting Colluvium	100	38	298.639	422.437	412.7	0	412.7	1207.15	1207.15
49	1.40094	1690.2	73.8183	Mass Wasting Colluvium	100	38	194.576	275.236	224.293	0	224.293	894.829	894.829
50	1.40094	660.588	80.4155	Mass Wasting Colluvium	100	38	81.8235	115.743	20.1496	0	20.1496	504.719	504.719

Walls 5a and 6 Seismic

Global Minimum Query (spencer) - Safety Factor: 1.08031

Slice Number	Width [ft]	Weight [lbs]	Angle of Slice Base [deg]	Base Material	Base Cohesion [psf]	Base Friction Angle [deg]	Shear Stress [psf]	Shear Strength [psf]	Base Normal Stress [psf]	Pore Pressure [psf]	Effective Normal Stress [psf]	Base Vertical Stress [psf]	Effective Vertical Stress [psf]
1	1.43673	13.7921	-6.35426	Mass Wasting Colluvium	100	38	730.269	788.917	881.772	0	881.772	800.45	800.45
2	1.43673	38.613	-5.08868	Mass Wasting Colluvium	100	38	717.142	774.736	863.621	0	863.621	799.76	799.76
3	1.43673	57.9235	-3.82558	Mass Wasting Colluvium	100	38	685.319	740.357	819.618	0	819.618	773.792	773.792
4	1.43673	71.7522	-2.56435	Mass Wasting Colluvium	100	38	642.113	693.681	759.875	0	759.875	731.117	731.117
5	1.43673	80.119	-1.30435	Mass Wasting Colluvium	100	38	592.492	640.075	691.264	0	691.264	677.773	677.773
6	1.43673	83.0363	-0.0449901	Mass Wasting Colluvium	100	38	539.786	583.136	618.387	0	618.387	617.963	617.963
7	1.43673	80.5081	1.21435	Mass Wasting Colluvium	100	38	486.194	525.24	544.283	0	544.283	554.589	554.589
8	1.43673	98.665	2.47428	Mass Wasting Colluvium	100	38	468.117	505.712	519.287	0	519.287	539.515	539.515
9	1.43673	158.571	3.73541	Mass Wasting Colluvium	100	38	501.112	541.356	564.91	0	564.91	597.626	597.626
10	1.43673	213.964	4.99835	Mass Wasting Colluvium	100	38	520.401	562.194	591.582	0	591.582	637.096	637.096
11	1.43673	442.844	6.26373	Mass Wasting Colluvium	100	38	704.797	761.399	846.551	0	846.551	923.91	923.91
12	1.43673	2040.98	7.53219	Mass Wasting Colluvium	100	38	2084	2251.37	2753.63	0	2753.63	3029.19	3029.19
13	1.43673	2185.05	8.80438	Mass Wasting Colluvium	100	38	2031.92	2195.1	2681.6	0	2681.6	2996.32	2996.32
14	0.373473	560.559	9.60748	Gravel	0	40	2001.8	2162.56	2577.24	0	2577.24	2916.09	2916.09
15	1.63073	2417.4	10.5003	Mass Wasting Colluvium	100	38	1784.6	1927.92	2339.63	0	2339.63	2670.4	2670.4
16	1.63073	2391.83	11.9575	Mass Wasting Colluvium	100	38	1621.84	1752.09	2114.58	0	2114.58	2458.06	2458.06
17	1.63073	2358.3	13.4227	Mass Wasting Colluvium	100	38	1476.23	1594.79	1913.25	0	1913.25	2265.55	2265.55
18	1.34716	1916.97	14.7679	Reinforced Fill	135	38	1420.6	1534.69	1791.52	0	1791.52	2166.01	2166.01
19	1.34716	1953.73	15.9925	Reinforced Fill	135	38	1358.18	1467.26	1705.21	0	1705.21	2094.47	2094.47
20	1.34716	3585.15	17.2247	Reinforced Fill	135	38	2159.8	2333.25	2813.63	0	2813.63	3483.22	3483.22
21	1.34716	5675.21	18.4651	Reinforced Fill	135	38	4649.84	5023.27	6256.7	0	6256.7	7809.37	7809.37
22	1.34716	5968.59	19.7146	Reinforced Fill	135	38	3069.6	3316.12	4071.65	0	4071.65	5171.61	5171.61
23	1.34716	5884.52	20.974	Reinforced Fill	135	38	2868.51	3098.88	3793.59	0	3793.59	4893.21	4893.21

24	1.49955	6503.66	22.3166	Mass Wasting Colluvium	100	38	2643.29	2855.57	3526.97	0	3526.97	4611.96	4611.96
25	1.49955	6471.31	23.7448	Mass Wasting Colluvium	100	38	2483.8	2683.27	3306.43	0	3306.43	4399.06	4399.06
26	1.49955	6430.89	25.1889	Mass Wasting Colluvium	100	38	2334.73	2522.23	3100.31	0	3100.31	4198.4	4198.4
27	1.49955	6382.1	26.6503	Mass Wasting Colluvium	100	38	2194.71	2370.97	2906.72	0	2906.72	4008.16	4008.16
28	1.49955	6324.63	28.1307	Mass Wasting Colluvium	100	38	2062.57	2228.22	2724	0	2724	3826.74	3826.74
29	1.49955	6258.14	29.6319	Mass Wasting Colluvium	100	38	1937.31	2092.89	2550.79	0	2550.79	3652.76	3652.76
30	1.49955	6182.21	31.1558	Mass Wasting Colluvium	100	38	1818.05	1964.06	2385.88	0	2385.88	3485.02	3485.02
31	1.49955	6096.39	32.7046	Mass Wasting Colluvium	100	38	1704.07	1840.92	2228.28	0	2228.28	3322.47	3322.47
32	1.49955	6000.16	34.2809	Mass Wasting Colluvium	100	38	1594.75	1722.82	2077.11	0	2077.11	3164.19	3164.19
33	1.49955	5892.96	35.8873	Mass Wasting Colluvium	100	38	1489.54	1609.16	1931.64	0	1931.64	3009.38	3009.38
34	1.49955	5774.09	37.527	Mass Wasting Colluvium	100	38	1388	1499.47	1791.24	0	1791.24	2857.33	2857.33
35	0.799074	3024.48	38.8049	Reinforced Fill	135	38	1350.2	1458.63	1694.17	0	1694.17	2779.94	2779.94
36	1.52368	5655.78	40.1275	Mass Wasting Colluvium	100	38	1278.41	1381.08	1639.7	0	1639.7	2717.28	2717.28
37	1.52368	5498.44	41.8979	Mass Wasting Colluvium	100	38	1142.51	1234.27	1451.8	0	1451.8	2476.84	2476.84
38	1.52368	5325.32	43.7188	Mass Wasting Colluvium	100	38	1049.8	1134.11	1323.6	0	1323.6	2327.47	2327.47
39	1.52368	5134.94	45.597	Mass Wasting Colluvium	100	38	959.438	1036.49	1198.65	0	1198.65	2178.29	2178.29
40	1.52368	4925.54	47.5404	Mass Wasting Colluvium	100	38	871.193	941.159	1076.64	0	1076.64	2028.72	2028.72
41	1.52368	4694.92	49.5589	Mass Wasting Colluvium	100	38	784.843	847.874	957.235	0	957.235	1878.08	1878.08
42	1.52368	4440.39	51.6648	Mass Wasting Colluvium	100	38	700.147	756.376	840.125	0	840.125	1725.55	1725.55
43	1.52368	4158.53	53.8739	Mass Wasting Colluvium	100	38	616.859	666.399	724.956	0	724.956	1570.07	1570.07
44	1.52368	3846.1	56.207	Mass Wasting Colluvium	100	38	534.835	577.788	611.54	0	611.54	1410.68	1410.68
45	1.52368	3495.97	58.6926	Mass Wasting Colluvium	100	38	453.612	490.042	499.231	0	499.231	1245.08	1245.08
46	1.52368	3098.8	61.3714	Mass Wasting Colluvium	100	38	372.832	402.774	387.533	0	387.533	1070.54	1070.54
47	1.52368	2641.16	64.3052	Mass Wasting Colluvium	100	38	292.472	315.96	276.416	0	276.416	884.268	884.268
48	1.52368	2100.78	67.5975	Mass Wasting Colluvium	100	38	213.658	230.817	167.438	0	167.438	685.749	685.749

49	1.52368	1434.83	71.4489	Mass Wasting Colluvium	100	38	142.121	153.534	68.5208	0	68.5208	492.019	492.019
50	1.52368	531.635	76.3858	Mass Wasting Colluvium	100	38	199.276	215.28	147.551	0	147.551	970.369	970.369

 Wall 7 Static
Global Minimum Query (spencer) - Safety Factor: 2.20275

Slice Number	Width [ft]	Weight [lbs]	Angle of Slice Base [deg]	Base Material	Base Cohesion [psf]	Base Friction Angle [deg]	Shear Stress [psf]	Shear Strength [psf]	Base Normal Stress [psf]	Pore Pressure [psf]	Effective Normal Stress [psf]	Base Vertical Stress [psf]	Effective Vertical Stress [psf]
1	0.623702	10.9361	-25.1055	Mass Wasting Colluvium	100	38	92.5066	203.769	132.818	0	132.818	89.4737	89.4737
2	0.623702	31.9377	-23.3283	Mass Wasting Colluvium	100	38	113.313	249.6	191.479	0	191.479	142.613	142.613
3	0.623702	51.2323	-21.5746	Mass Wasting Colluvium	100	38	130.023	286.409	238.593	0	238.593	187.18	187.18
4	0.623702	68.8836	-19.8419	Mass Wasting Colluvium	100	38	143.404	315.884	276.319	0	276.319	224.572	224.572
5	0.623702	84.9473	-18.1279	Mass Wasting Colluvium	100	38	154.033	339.296	306.286	0	306.286	255.857	255.857
6	0.623702	99.4715	-16.4306	Mass Wasting Colluvium	100	38	162.351	357.618	329.736	0	329.736	281.86	281.86
7	0.623702	112.499	-14.748	Mass Wasting Colluvium	100	38	168.7	371.605	347.64	0	347.64	303.231	303.231
8	0.623702	124.065	-13.0783	Mass Wasting Colluvium	100	38	173.354	381.855	360.758	0	360.758	320.487	320.487
9	0.623702	134.201	-11.4198	Mass Wasting Colluvium	100	38	176.526	388.843	369.702	0	369.702	334.045	334.045
10	0.623702	142.935	-9.77102	Mass Wasting Colluvium	100	38	178.392	392.954	374.964	0	374.964	344.243	344.243
11	0.623702	150.289	-8.13036	Mass Wasting Colluvium	100	38	179.097	394.505	376.949	0	376.949	351.363	351.363
12	0.623702	156.282	-6.49638	Mass Wasting Colluvium	100	38	178.756	393.755	375.988	0	375.988	355.633	355.633
13	0.623702	160.927	-4.86771	Mass Wasting Colluvium	100	38	177.47	390.921	372.361	0	372.361	357.248	357.248
14	0.623702	164.237	-3.24296	Mass Wasting Colluvium	100	38	175.32	386.187	366.303	0	366.303	356.369	356.369
15	0.623702	166.22	-1.62083	Mass Wasting Colluvium	100	38	172.38	379.709	358.012	0	358.012	353.134	353.134
16	0.623702	170.466	0	Mass Wasting Colluvium	100	38	171.158	377.019	354.569	0	354.569	354.569	354.569
17	0.623702	305.478	1.62083	Mass Wasting Colluvium	100	38	256.972	566.046	596.513	0	596.513	603.784	603.784
18	0.623702	796.982	3.24296	Mass Wasting Colluvium	100	38	568.934	1253.22	1476.06	0	1476.06	1508.3	1508.3
19	0.623702	1130.96	4.86771	Mass Wasting Colluvium	100	38	765.239	1685.63	2029.51	0	2029.51	2094.68	2094.68
20	0.623702	1133.93	6.49638	Mass Wasting Colluvium	100	38	748.065	1647.8	1981.1	0	1981.1	2066.28	2066.28
21	0.623702	1127.94	8.13036	Mass Wasting Colluvium	100	38	726.21	1599.66	1919.47	0	1919.47	2023.21	2023.21
22	0.623702	1120.53	9.77102	Mass Wasting Colluvium	100	38	704.397	1551.61	1857.98	0	1857.98	1979.28	1979.28

23	0.623702	1107.84	11.4198	Mass Wasting Colluvium	100	38	680.404	1498.76	1790.32	0	1790.32	1927.76	1927.76
24	0.623702	1106.51	13.0783	Mass Wasting Colluvium	100	38	663.607	1461.76	1742.97	0	1742.97	1897.13	1897.13
25	0.623702	1113.24	14.748	Mass Wasting Colluvium	100	38	651.676	1435.48	1709.33	0	1709.33	1880.87	1880.87
26	0.623702	1118.51	16.4306	Mass Wasting Colluvium	100	38	639.201	1408	1674.16	0	1674.16	1862.65	1862.65
27	0.623702	1122.28	18.1279	Mass Wasting Colluvium	100	38	626.167	1379.29	1637.42	0	1637.42	1842.42	1842.42
28	0.623702	1124.51	19.8419	Mass Wasting Colluvium	100	38	612.566	1349.33	1599.07	0	1599.07	1820.12	1820.12
29	0.623702	1125.15	21.5746	Mass Wasting Colluvium	100	38	598.384	1318.09	1559.08	0	1559.08	1795.69	1795.69
30	0.623702	1124.15	23.3283	Mass Wasting Colluvium	100	38	583.602	1285.53	1517.4	0	1517.4	1769.08	1769.08
31	0.623702	1121.44	25.1055	Mass Wasting Colluvium	100	38	568.203	1251.61	1474	0	1474	1740.23	1740.23
32	0.655573	1173.86	26.9557	Reinforced Fill	135	38	567.477	1250.01	1427.15	0	1427.15	1715.75	1715.75
33	0.655573	1166.73	28.8839	Reinforced Fill	135	38	549.722	1210.9	1377.08	0	1377.08	1680.34	1680.34
34	0.655573	1157.32	30.8486	Reinforced Fill	135	38	618.963	1363.42	1572.3	0	1572.3	1941.98	1941.98
35	0.655573	1145.48	32.8544	Reinforced Fill	135	38	511.911	1127.61	1270.49	0	1270.49	1601.08	1601.08
36	0.655573	1131.04	34.9068	Reinforced Fill	135	38	491.792	1083.3	1213.76	0	1213.76	1556.93	1556.93
37	0.655573	1113.82	37.0119	Reinforced Fill	135	38	470.807	1037.07	1154.6	0	1154.6	1509.53	1509.53
38	0.655573	1093.58	39.1771	Reinforced Fill	135	38	448.907	988.829	1092.85	0	1092.85	1458.67	1458.67
39	0.649697	1060.56	41.401	Mass Wasting Colluvium	100	38	411.73	906.939	1032.84	0	1032.84	1395.84	1395.84
40	0.649697	1033.89	43.6937	Mass Wasting Colluvium	100	38	388.247	855.212	966.627	0	966.627	1337.56	1337.56
41	0.649697	1003.25	46.0778	Mass Wasting Colluvium	100	38	363.675	801.085	897.348	0	897.348	1274.97	1274.97
42	0.649697	968.104	48.5702	Mass Wasting Colluvium	100	38	337.923	744.359	824.742	0	824.742	1207.64	1207.64
43	0.649697	927.767	51.1926	Mass Wasting Colluvium	100	38	310.88	684.79	748.497	0	748.497	1135.05	1135.05
44	0.649697	881.3	53.9747	Mass Wasting Colluvium	100	38	282.407	622.072	668.222	0	668.222	1056.56	1056.56
45	0.649697	827.389	56.9579	Mass Wasting Colluvium	100	38	252.326	555.81	583.41	0	583.41	971.333	971.333
46	0.649697	764.073	60.2048	Mass Wasting Colluvium	100	38	220.39	485.465	493.373	0	493.373	878.271	878.271
47	0.649697	688.218	63.8166	Mass Wasting Colluvium	100	38	186.244	410.25	397.102	0	397.102	775.879	775.879

48	0.649697	594.076	67.9816	Mass Wasting Colluvium	100	38	149.253	328.766	292.807	0	292.807	661.878	661.878
49	0.649697	467.853	73.1455	Mass Wasting Colluvium	100	38	107.683	237.199	175.606	0	175.606	531.049	531.049
50	0.649697	197.128	83.0289	Mass Wasting Colluvium	100	38	39.8579	87.7969	-15.6193	0	-15.6193	310.354	310.354

 Wall 7 Seismic
Global Minimum Query (spencer) - Safety Factor: 2.25355

Slice Number	Width [ft]	Weight [lbs]	Angle of Slice Base [deg]	Base Material	Base Cohesion [psf]	Base Friction Angle [deg]	Shear Stress [psf]	Shear Strength [psf]	Base Normal Stress [psf]	Pore Pressure [psf]	Effective Normal Stress [psf]	Base Vertical Stress [psf]	Effective Vertical Stress [psf]
1	0.462384	134.241	27.6679	Verti-Block	3000	0	1331.23	3000	645.179	0	645.179	1343.14	1343.14
2	0.462384	402.58	28.1625	Verti-Block	3000	0	1331.23	3000	899.215	0	899.215	1611.89	1611.89
3	0.462384	641.24	28.6594	Verti-Block	3000	0	1331.23	3000	1125.34	0	1125.34	1852.94	1852.94
4	0.462384	668.69	29.1587	Verti-Block	3000	0	1331.23	3000	2110.81	0	2110.81	2853.55	2853.55
5	0.462384	654.227	29.6604	Verti-Block	3000	0	1331.23	3000	1091.84	0	1091.84	1849.94	1849.94
6	0.462384	639.467	30.1647	Verti-Block	3000	0	1331.23	3000	1051.17	0	1051.17	1824.87	1824.87
7	0.462384	624.403	30.6715	Verti-Block	3000	0	1331.23	3000	1008.85	0	1008.85	1798.38	1798.38
8	0.44738	589.516	31.1727	Reinforced Fill	135	38	282.326	636.236	641.553	0	641.553	812.352	812.352
9	0.44738	574.843	31.6683	Reinforced Fill	135	38	274.21	617.946	618.144	0	618.144	787.289	787.289
10	0.44738	563.698	32.1665	Reinforced Fill	135	38	267.498	602.821	598.784	0	598.784	767.018	767.018
11	0.44738	557.812	32.6674	Reinforced Fill	135	38	761.9	1716.98	2024.84	0	2024.84	2513.36	2513.36
12	0.44738	551.675	33.1712	Reinforced Fill	135	38	257.988	581.388	571.35	0	571.35	739.988	739.988
13	0.44738	545.236	33.6779	Reinforced Fill	135	38	253.206	570.612	557.559	0	557.559	726.285	726.285
14	0.44738	538.489	34.1876	Reinforced Fill	135	38	248.403	559.788	543.703	0	543.703	712.439	712.439
15	0.44738	531.429	34.7004	Reinforced Fill	135	38	243.58	548.92	529.793	0	529.793	698.458	698.458
16	0.44738	524.05	35.2164	Reinforced Fill	135	38	238.74	538.012	515.832	0	515.832	684.347	684.347
17	0.44738	516.346	35.7357	Reinforced Fill	135	38	233.883	527.068	501.824	0	501.824	670.108	670.108
18	0.44738	508.31	36.2584	Reinforced Fill	135	38	664.334	1497.11	1743.42	0	1743.42	2230.68	2230.68
19	0.44738	499.936	36.7846	Reinforced Fill	135	38	224.131	505.09	473.693	0	473.693	641.27	641.27
20	0.44738	491.217	37.3145	Reinforced Fill	135	38	219.239	494.067	459.585	0	459.585	626.689	626.689
21	0.44738	482.145	37.8481	Reinforced Fill	135	38	214.341	483.028	445.455	0	445.455	612.003	612.003
22	0.44738	472.714	38.3857	Reinforced Fill	135	38	209.438	471.979	431.313	0	431.313	597.226	597.226
23	0.44738	462.914	38.9272	Reinforced Fill	135	38	204.534	460.927	417.167	0	417.167	582.365	582.365
24	0.44738	452.738	39.4729	Reinforced Fill	135	38	581.167	1309.69	1503.53	0	1503.53	1982.15	1982.15

25	0.44738	442.176	40.0229	Reinforced Fill	135	38	194.732	438.838	388.895	0	388.895	552.427	552.427
26	0.44738	431.219	40.5774	Reinforced Fill	135	38	189.841	427.816	374.788	0	374.788	537.371	537.371
27	0.44738	419.858	41.1366	Reinforced Fill	135	38	184.96	416.817	360.709	0	360.709	522.268	522.268
28	0.44738	408.081	41.7005	Reinforced Fill	135	38	180.093	405.848	346.669	0	346.669	507.128	507.128
29	0.44738	395.879	42.2694	Reinforced Fill	135	38	424.779	957.261	1052.45	0	1052.45	1438.55	1438.55
30	0.44738	383.239	42.8436	Reinforced Fill	135	38	170.408	384.024	318.736	0	318.736	476.776	476.776
31	0.44738	370.149	43.4231	Reinforced Fill	135	38	165.596	373.179	304.854	0	304.854	461.577	461.577
32	0.44738	356.596	44.0082	Reinforced Fill	135	38	160.805	362.382	291.035	0	291.035	446.367	446.367
33	0.44738	342.567	44.5991	Reinforced Fill	135	38	156.035	351.633	277.277	0	277.277	431.144	431.144
34	0.44738	328.046	45.1961	Reinforced Fill	135	38	151.286	340.93	263.578	0	263.578	415.903	415.903
35	0.44738	313.019	45.7994	Reinforced Fill	135	38	146.552	330.263	249.926	0	249.926	400.626	400.626
36	0.44738	297.468	46.4094	Reinforced Fill	135	38	141.83	319.62	236.302	0	236.302	385.287	385.287
37	0.44738	281.376	47.0262	Reinforced Fill	135	38	137.107	308.977	222.681	0	222.681	369.845	369.845
38	0.478782	282.658	47.6725	Mass Wasting Colluvium	100	38	116.689	262.965	208.586	0	208.586	336.702	336.702
39	0.478782	262.874	48.349	Mass Wasting Colluvium	100	38	111.729	251.787	194.278	0	194.278	319.896	319.896
40	0.478782	242.35	49.0346	Mass Wasting Colluvium	100	38	106.709	240.474	179.798	0	179.798	302.702	302.702
41	0.478782	221.054	49.7299	Mass Wasting Colluvium	100	38	101.582	228.921	165.01	0	165.01	284.919	284.919
42	0.315532	133.677	50.3135	Reinforced Fill	135	38	112.06	252.533	150.436	0	150.436	285.477	285.477
43	0.447173	172.515	50.882	Mass Wasting Colluvium	100	38	92.8499	209.242	139.823	0	139.823	254.001	254.001
44	0.447173	152.107	51.5569	Mass Wasting Colluvium	100	38	87.4877	197.158	124.356	0	124.356	234.568	234.568
45	0.447173	130.977	52.242	Mass Wasting Colluvium	100	38	81.7327	184.189	107.757	0	107.757	213.285	213.285
46	0.447173	109.076	52.9378	Mass Wasting Colluvium	100	38	75.4303	169.986	89.578	0	89.578	189.452	189.452
47	0.447173	86.3654	53.645	Mass Wasting Colluvium	100	38	68.3836	154.106	69.2524	0	69.2524	162.158	162.158
48	0.447173	62.8044	54.3643	Mass Wasting Colluvium	100	38	60.3344	135.966	46.035	0	46.035	130.198	130.198
49	0.447173	38.3474	55.0964	Mass Wasting Colluvium	100	38	50.9437	114.804	18.9486	0	18.9486	91.9647	91.9647

50	0.447173	12.9445	55.8421	Mass Wasting Colluvium	100	38	15.0527	33.9221	-84.5758	0	-84.5758	-62.3913	-62.3913
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Wall 8 Static

Global Minimum Query (spencer) - Safety Factor: 2.4197

Slice Number	Width [ft]	Weight [lbs]	Angle of Slice Base [deg]	Base Material	Base Cohesion [psf]	Base Friction Angle [deg]	Shear Stress [psf]	Shear Strength [psf]	Base Normal Stress [psf]	Pore Pressure [psf]	Effective Normal Stress [psf]	Base Vertical Stress [psf]	Effective Vertical Stress [psf]
1	0.548165	9.1491	-26.9061	Mass Wasting Colluvium	100	38	72.1162	174.5	95.3551	0	95.3551	58.7588	58.7588
2	0.548165	26.7226	-25.0452	Mass Wasting Colluvium	100	38	87.9861	212.9	144.505	0	144.505	103.392	103.392
3	0.548165	42.8788	-23.2121	Mass Wasting Colluvium	100	38	101.277	245.06	185.668	0	185.668	142.235	142.235
4	0.548165	57.6775	-21.4039	Mass Wasting Colluvium	100	38	112.371	271.904	220.027	0	220.027	175.981	175.981
5	0.548165	71.1706	-19.6177	Mass Wasting Colluvium	100	38	121.569	294.161	248.515	0	248.515	205.184	205.184
6	0.548165	83.4031	-17.8513	Mass Wasting Colluvium	100	38	129.114	312.416	271.88	0	271.88	230.298	230.298
7	0.548165	94.414	-16.1022	Mass Wasting Colluvium	100	38	135.201	327.146	290.732	0	290.732	251.703	251.703
8	0.548165	104.237	-14.3684	Mass Wasting Colluvium	100	38	139.992	338.739	305.573	0	305.573	269.711	269.711
9	0.548165	112.901	-12.648	Mass Wasting Colluvium	100	38	143.622	347.521	316.813	0	316.813	284.584	284.584
10	0.548165	120.432	-10.9391	Mass Wasting Colluvium	100	38	146.201	353.762	324.8	0	324.8	296.542	296.542
11	0.548165	126.85	-9.24005	Mass Wasting Colluvium	100	38	147.825	357.692	329.83	0	329.83	305.781	305.781
12	0.548165	132.172	-7.54913	Mass Wasting Colluvium	100	38	148.574	359.504	332.15	0	332.15	312.46	312.46
13	0.548165	136.413	-5.8648	Mass Wasting Colluvium	100	38	148.518	359.368	331.976	0	331.976	316.72	316.72
14	0.548165	139.584	-4.18555	Mass Wasting Colluvium	100	38	147.715	357.427	329.492	0	329.492	318.682	318.682
15	0.548165	141.695	-2.5099	Mass Wasting Colluvium	100	38	146.219	353.807	324.858	0	324.858	318.449	318.449
16	0.548165	145.774	-0.836396	Mass Wasting Colluvium	100	38	146.126	353.58	324.568	0	324.568	322.435	322.435
17	0.548165	185.694	0.836396	Mass Wasting Colluvium	100	38	169.775	410.805	397.812	0	397.812	400.291	400.291
18	0.548165	519.32	2.5099	Mass Wasting Colluvium	100	38	382.638	925.87	1057.07	0	1057.07	1073.84	1073.84
19	0.548165	882.917	4.18555	Mass Wasting Colluvium	100	38	605.149	1464.28	1746.19	0	1746.19	1790.48	1790.48
20	0.548165	952.905	5.8648	Mass Wasting Colluvium	100	38	635.93	1538.76	1841.54	0	1841.54	1906.86	1906.86
21	0.548165	948.664	7.54913	Mass Wasting Colluvium	100	38	620.217	1500.74	1792.86	0	1792.86	1875.06	1875.06
22	0.548165	943.341	9.24005	Mass Wasting Colluvium	100	38	604.344	1462.33	1743.71	0	1743.71	1842.02	1842.02

23	0.548165	936.821	10.9391	Mass Wasting Colluvium	100	38	588.238	1423.36	1693.83	0	1693.83	1807.52	1807.52
24	0.548165	925.83	12.648	Mass Wasting Colluvium	100	38	570.038	1379.32	1637.46	0	1637.46	1765.38	1765.38
25	0.548165	916.618	14.3684	Mass Wasting Colluvium	100	38	553.341	1338.92	1585.74	0	1585.74	1727.49	1727.49
26	0.548165	906.795	16.1022	Mass Wasting Colluvium	100	38	536.74	1298.75	1534.32	0	1534.32	1689.27	1689.27
27	0.548165	895.784	17.8513	Mass Wasting Colluvium	100	38	519.907	1258.02	1482.19	0	1482.19	1649.63	1649.63
28	0.548165	883.551	19.6177	Mass Wasting Colluvium	100	38	502.831	1216.7	1429.31	0	1429.31	1608.54	1608.54
29	0.548165	870.058	21.4039	Mass Wasting Colluvium	100	38	485.502	1174.77	1375.64	0	1375.64	1565.94	1565.94
30	0.548165	855.259	23.2121	Mass Wasting Colluvium	100	38	467.901	1132.18	1321.13	0	1321.13	1521.79	1521.79
31	0.548165	839.103	25.0452	Mass Wasting Colluvium	100	38	450.017	1088.91	1265.74	0	1265.74	1476.02	1476.02
32	0.548165	821.53	26.9061	Mass Wasting Colluvium	100	38	431.836	1044.91	1209.43	0	1209.43	1428.57	1428.57
33	0.523242	766.43	28.7545	Reinforced Fill	135	38	427.578	1034.61	1151.45	0	1151.45	1386.07	1386.07
34	0.523242	747.704	30.5925	Reinforced Fill	135	38	409.481	990.82	1095.4	0	1095.4	1337.49	1337.49
35	0.523242	727.541	32.466	Reinforced Fill	135	38	391.066	946.263	1038.37	0	1038.37	1287.18	1287.18
36	0.523242	705.851	34.3794	Reinforced Fill	135	38	372.318	900.898	980.304	0	980.304	1235.04	1235.04
37	0.530455	691.763	36.3515	Mass Wasting Colluvium	100	38	339.878	822.404	924.636	0	924.636	1174.77	1174.77
38	0.530455	665.961	38.3889	Mass Wasting Colluvium	100	38	320.281	774.983	863.94	0	863.94	1117.69	1117.69
39	0.530455	638.174	40.4855	Mass Wasting Colluvium	100	38	300.286	726.603	802.016	0	802.016	1058.35	1058.35
40	0.530455	608.21	42.6499	Mass Wasting Colluvium	100	38	279.862	677.181	738.759	0	738.759	996.555	996.555
41	0.530455	575.838	44.8926	Mass Wasting Colluvium	100	38	258.975	626.642	674.072	0	674.072	932.078	932.078
42	0.530455	540.769	47.2268	Mass Wasting Colluvium	100	38	237.59	574.897	607.84	0	607.84	864.655	864.655
43	0.530455	502.634	49.669	Mass Wasting Colluvium	100	38	215.663	521.839	539.93	0	539.93	793.953	793.953
44	0.530455	460.951	52.2412	Mass Wasting Colluvium	100	38	193.139	467.338	470.171	0	470.171	719.535	719.535
45	0.530455	415.066	54.973	Mass Wasting Colluvium	100	38	169.948	411.224	398.348	0	398.348	640.817	640.817
46	0.530455	364.058	57.9065	Mass Wasting Colluvium	100	38	145.998	353.271	324.172	0	324.172	556.971	556.971
47	0.530455	306.548	61.1048	Mass Wasting Colluvium	100	38	121.153	293.155	247.228	0	247.228	466.741	466.741

48	0.530455	240.288	64.6718	Mass Wasting Colluvium	100	38	95.2015	230.359	166.852	0	166.852	367.996	367.996
49	0.530455	161.084	68.8025	Mass Wasting Colluvium	100	38	67.7406	163.912	81.8033	0	81.8033	256.471	256.471
50	0.530455	58.776	73.9737	Mass Wasting Colluvium	100	38	38.1324	92.269	-9.89523	0	-9.89523	122.858	122.858

Wall 8 Seismic

Global Minimum Query (spencer) - Safety Factor: 1.7137

Slice Number	Width [ft]	Weight [lbs]	Angle of Slice Base [deg]	Base Material	Base Cohesion [psf]	Base Friction Angle [deg]	Shear Stress [psf]	Shear Strength [psf]	Base Normal Stress [psf]	Pore Pressure [psf]	Effective Normal Stress [psf]	Base Vertical Stress [psf]	Effective Vertical Stress [psf]
1	0.591973	9.29924	-23.8586	Mass Wasting Colluvium	100	38	252.803	433.228	426.513	0	426.513	314.705	314.705
2	0.591973	27.1704	-22.1798	Mass Wasting Colluvium	100	38	274.096	469.718	473.217	0	473.217	361.473	361.473
3	0.591973	43.6123	-20.5209	Mass Wasting Colluvium	100	38	285.261	488.851	497.707	0	497.707	390.934	390.934
4	0.591973	58.6727	-18.8797	Mass Wasting Colluvium	100	38	290.188	497.295	508.514	0	508.514	409.276	409.276
5	0.591973	72.3937	-17.2545	Mass Wasting Colluvium	100	38	291.159	498.96	510.645	0	510.645	420.212	420.212
6	0.591973	84.812	-15.6435	Mass Wasting Colluvium	100	38	289.541	496.186	507.095	0	507.095	426.017	426.017
7	0.591973	95.9597	-14.0451	Mass Wasting Colluvium	100	38	286.165	490.401	499.691	0	499.691	428.102	428.102
8	0.591973	105.865	-12.4578	Mass Wasting Colluvium	100	38	281.55	482.492	489.568	0	489.568	427.367	427.367
9	0.591973	114.551	-10.8801	Mass Wasting Colluvium	100	38	276.022	473.019	477.443	0	477.443	424.389	424.389
10	0.591973	122.04	-9.3108	Mass Wasting Colluvium	100	38	269.793	462.345	463.781	0	463.781	419.548	419.548
11	0.591973	128.348	-7.74849	Mass Wasting Colluvium	100	38	263.003	450.708	448.886	0	448.886	413.1	413.1
12	0.591973	133.49	-6.19196	Mass Wasting Colluvium	100	38	255.746	438.272	432.967	0	432.967	405.221	405.221
13	0.591973	137.478	-4.64	Mass Wasting Colluvium	100	38	248.087	425.147	416.169	0	416.169	396.034	396.034
14	0.591973	140.32	-3.09145	Mass Wasting Colluvium	100	38	240.075	411.416	398.594	0	398.594	385.628	385.628
15	0.591973	142.023	-1.54516	Mass Wasting Colluvium	100	38	231.743	397.138	380.32	0	380.32	374.069	374.069
16	0.591973	142.814	0	Mass Wasting Colluvium	100	38	223.335	382.73	361.878	0	361.878	361.878	361.878
17	0.591973	146.118	1.54516	Mass Wasting Colluvium	100	38	217.98	373.552	350.13	0	350.13	356.01	356.01
18	0.591973	283.62	3.09145	Mass Wasting Colluvium	100	38	330.747	566.801	597.477	0	597.477	615.34	615.34
19	0.591973	731.158	4.64	Mass Wasting Colluvium	100	38	694.865	1190.79	1396.15	0	1396.15	1452.54	1452.54
20	0.591973	1011.71	6.19196	Mass Wasting Colluvium	100	38	895.11	1533.95	1835.36	0	1835.36	1932.47	1932.47
21	0.591973	1010.09	7.74849	Mass Wasting Colluvium	100	38	860.658	1474.91	1759.81	0	1759.81	1876.92	1876.92
22	0.591973	1003.78	9.3108	Mass Wasting Colluvium	100	38	824.946	1413.71	1681.48	0	1681.48	1816.73	1816.73

23	0.591973	996.295	10.8801	Mass Wasting Colluvium	100	38	790.605	1354.86	1606.15	0	1606.15	1758.11	1758.11
24	0.591973	984.46	12.4578	Mass Wasting Colluvium	100	38	755.272	1294.31	1528.65	0	1528.65	1695.51	1695.51
25	0.591973	973.264	14.0451	Mass Wasting Colluvium	100	38	722.384	1237.95	1456.51	0	1456.51	1637.22	1637.22
26	0.591973	962.116	15.6435	Mass Wasting Colluvium	100	38	691.3	1184.68	1388.32	0	1388.32	1581.9	1581.9
27	0.591973	949.698	17.2545	Mass Wasting Colluvium	100	38	661.008	1132.77	1321.88	0	1321.88	1527.19	1527.19
28	0.591973	935.977	18.8797	Mass Wasting Colluvium	100	38	631.419	1082.06	1256.98	0	1256.98	1472.92	1472.92
29	0.591973	920.916	20.5209	Mass Wasting Colluvium	100	38	602.446	1032.41	1193.43	0	1193.43	1418.93	1418.93
30	0.591973	904.475	22.1798	Mass Wasting Colluvium	100	38	574.015	983.69	1131.07	0	1131.07	1365.09	1365.09
31	0.591973	886.603	23.8586	Mass Wasting Colluvium	100	38	546.062	935.787	1069.76	0	1069.76	1311.27	1311.27
32	0.601008	880.323	25.5726	Reinforced Fill	135	38	540.484	926.228	1012.73	0	1012.73	1271.37	1271.37
33	0.601008	858.754	27.3248	Reinforced Fill	135	38	512.572	878.395	951.502	0	951.502	1216.34	1216.34
34	0.601008	835.491	29.1051	Reinforced Fill	135	38	485.001	831.146	891.027	0	891.027	1161.03	1161.03
35	0.601008	810.446	30.9168	Reinforced Fill	135	38	457.728	784.408	831.205	0	831.205	1105.33	1105.33
36	0.601326	783.926	32.764	Mass Wasting Colluvium	100	38	409.855	702.369	770.997	0	770.997	1034.77	1034.77
37	0.601326	754.968	34.651	Mass Wasting Colluvium	100	38	383.37	656.982	712.904	0	712.904	977.877	977.877
38	0.601326	723.87	36.582	Mass Wasting Colluvium	100	38	357.079	611.927	655.238	0	655.238	920.254	920.254
39	0.601326	690.472	38.5626	Mass Wasting Colluvium	100	38	330.958	567.163	597.941	0	597.941	861.788	861.788
40	0.601326	654.581	40.5995	Mass Wasting Colluvium	100	38	304.986	522.654	540.972	0	540.972	802.372	802.372
41	0.601326	615.965	42.7007	Mass Wasting Colluvium	100	38	279.145	478.371	484.293	0	484.293	741.887	741.887
42	0.601326	574.343	44.8757	Mass Wasting Colluvium	100	38	253.425	434.294	427.878	0	427.878	680.205	680.205
43	0.601326	529.364	47.1365	Mass Wasting Colluvium	100	38	227.819	390.413	371.712	0	371.712	617.187	617.187
44	0.601326	480.587	49.4982	Mass Wasting Colluvium	100	38	202.328	346.729	315.799	0	315.799	552.679	552.679
45	0.601326	427.437	51.9803	Mass Wasting Colluvium	100	38	176.962	303.259	260.16	0	260.16	486.501	486.501
46	0.601326	369.148	54.6092	Mass Wasting Colluvium	100	38	151.749	260.052	204.857	0	204.857	418.461	418.461
47	0.601326	304.657	57.4215	Mass Wasting Colluvium	100	38	126.744	217.202	150.011	0	150.011	348.36	348.36

48	0.601326	232.403	60.471	Mass Wasting Colluvium	100	38	102.07	174.918	95.891	0	95.891	276.087	276.087
49	0.601326	149.926	63.8433	Mass Wasting Colluvium	100	38	78.0207	133.704	43.1391	0	43.1391	202.001	202.001
50	0.601326	52.8752	67.6909	Mass Wasting Colluvium	100	38	57.9893	99.3763	-0.798238	0	-0.798238	140.53	140.53

Walls 9, 10, and 12a Static

Global Minimum Query (spencer) - Safety Factor: 1.38635

Slice Number	Width [ft]	Weight [lbs]	Angle of Slice Base [deg]	Base Material	Base Cohesion [psf]	Base Friction Angle [deg]	Shear Stress [psf]	Shear Strength [psf]	Base Normal Stress [psf]	Pore Pressure [psf]	Effective Normal Stress [psf]	Base Vertical Stress [psf]	Effective Vertical Stress [psf]
1	1.22921	19.7716	-8.34372	Mass Wasting Colluvium	100	38	145.273	201.399	129.785	0	129.785	108.478	108.478
2	1.22921	57.1898	-7.02479	Mass Wasting Colluvium	100	38	172.625	239.318	178.32	0	178.32	157.048	157.048
3	1.22921	90.3761	-5.70959	Mass Wasting Colluvium	100	38	194.34	269.423	216.852	0	216.852	197.421	197.421
4	1.22921	119.363	-4.3974	Mass Wasting Colluvium	100	38	211.056	292.597	246.513	0	246.513	230.282	230.282
5	1.22921	144.175	-3.08752	Mass Wasting Colluvium	100	38	223.319	309.598	268.273	0	268.273	256.228	256.228
6	1.22921	164.832	-1.77925	Mass Wasting Colluvium	100	38	231.603	321.083	282.973	0	282.973	275.779	275.779
7	1.22921	181.346	-0.471918	Mass Wasting Colluvium	100	38	236.32	327.622	291.343	0	291.343	289.396	289.396
8	1.22921	193.723	0.835173	Mass Wasting Colluvium	100	38	237.827	329.711	294.017	0	294.017	297.484	297.484
9	1.22921	201.96	2.1427	Mass Wasting Colluvium	100	38	236.439	327.787	291.554	0	291.554	300.4	300.4
10	1.22921	206.052	3.45134	Mass Wasting Colluvium	100	38	232.433	322.233	284.446	0	284.446	298.464	298.464
11	1.39624	422.18	4.851	Gravel	0	40	248.911	345.078	411.248	0	411.248	432.372	432.372
12	1.39624	1912.48	6.34285	Gravel	0	40	1084.19	1503.07	1791.29	0	1791.29	1911.81	1911.81
13	1.39624	2028.7	7.83903	Gravel	0	40	1106.57	1534.1	1828.27	0	1828.27	1980.62	1980.62
14	0.0944356	135.906	8.63912	Reinforced Fill	135	38	1107.18	1534.94	1791.84	0	1791.84	1960.05	1960.05
15	1.22729	1750.3	9.35117	Mass Wasting Colluvium	100	38	1047.63	1452.38	1730.97	0	1730.97	1903.49	1903.49
16	1.22729	1718.38	10.6764	Mass Wasting Colluvium	100	38	999.466	1385.61	1645.51	0	1645.51	1833.93	1833.93
17	1.22729	1682.12	12.0075	Mass Wasting Colluvium	100	38	951.369	1318.93	1560.16	0	1560.16	1762.51	1762.51
18	1.22729	1641.46	13.3451	Mass Wasting Colluvium	100	38	903.351	1252.36	1474.95	0	1474.95	1689.25	1689.25
19	1.11371	1450.67	14.6276	Reinforced Fill	135	38	888.47	1231.73	1403.75	0	1403.75	1635.64	1635.64
20	1.27444	1609.97	15.9442	Mass Wasting Colluvium	100	38	811.079	1124.44	1311.23	0	1311.23	1542.94	1542.94
21	1.27444	1551.66	17.3588	Mass Wasting Colluvium	100	38	761.538	1055.76	1223.32	0	1223.32	1461.37	1461.37
22	1.27444	1488.33	18.7843	Mass Wasting Colluvium	100	38	712.253	987.432	1135.86	0	1135.86	1378.11	1378.11
23	1.27444	1615.05	20.222	Mass Wasting Colluvium	100	38	743.098	1030.19	1190.6	0	1190.6	1464.33	1464.33
24	1.27444	3315.31	21.6732	Mass Wasting Colluvium	100	38	1394.99	1933.94	2347.34	0	2347.34	2901.71	2901.71

25	1.27444	4179.3	23.1391	Mass Wasting Colluvium	100	38	1684.13	2334.8	2860.42	0	2860.42	3580.12	3580.12
26	1.27444	4087.02	24.6213	Mass Wasting Colluvium	100	38	1597.94	2215.3	2707.47	0	2707.47	3439.78	3439.78
27	1.27444	3990.99	26.1212	Mass Wasting Colluvium	100	38	1513.85	2098.72	2558.25	0	2558.25	3300.57	3300.57
28	1.27444	3892.17	27.6407	Mass Wasting Colluvium	100	38	1432.13	1985.43	2413.24	0	2413.24	3163.23	3163.23
29	1.27444	3786.71	29.1816	Mass Wasting Colluvium	100	38	1351.4	1873.52	2270	0	2270	3024.7	3024.7
30	1.27444	3674.32	30.746	Mass Wasting Colluvium	100	38	1271.62	1762.91	2128.42	0	2128.42	2884.84	2884.84
31	1.27444	3554.66	32.3363	Mass Wasting Colluvium	100	38	1192.74	1653.55	1988.45	0	1988.45	2743.53	2743.53
32	1.27444	3427.68	33.955	Mass Wasting Colluvium	100	38	1114.83	1545.54	1850.2	0	1850.2	2600.89	2600.89
33	1.27444	3499.01	35.6052	Mass Wasting Colluvium	100	38	1098.41	1522.78	1821.07	0	1821.07	2607.61	2607.61
34	1.27444	4797.32	37.2902	Mass Wasting Colluvium	100	38	1428.78	1980.79	2407.3	0	2407.3	3495.35	3495.35
35	1.27444	4839.53	39.0139	Mass Wasting Colluvium	100	38	1389.51	1926.35	2337.63	0	2337.63	3463.39	3463.39
36	1.30281	4772.34	40.801	Reinforced Fill	135	38	1316.31	1824.87	2162.93	0	2162.93	3299.18	3299.18
37	1.21702	4291.02	42.5949	Mass Wasting Colluvium	100	38	1200.5	1664.31	2002.22	0	2002.22	3105.94	3105.94
38	1.21702	4122.35	44.3791	Mass Wasting Colluvium	100	38	1112.58	1542.42	1846.22	0	1846.22	2934.94	2934.94
39	1.21702	3942.65	46.2196	Mass Wasting Colluvium	100	38	1025.31	1421.44	1691.36	0	1691.36	2761.28	2761.28
40	1.21702	3750.79	48.1241	Mass Wasting Colluvium	100	38	938.63	1301.27	1537.56	0	1537.56	2584.56	2584.56
41	1.21702	3545.36	50.1021	Mass Wasting Colluvium	100	38	852.476	1181.83	1384.68	0	1384.68	2404.3	2404.3
42	1.21702	3324.64	52.1658	Mass Wasting Colluvium	100	38	766.77	1063.01	1232.6	0	1232.6	2219.89	2219.89
43	1.21702	3086.4	54.3303	Mass Wasting Colluvium	100	38	681.43	944.701	1081.17	0	1081.17	2030.54	2030.54
44	1.21702	2827.74	56.6159	Mass Wasting Colluvium	100	38	596.345	826.743	930.19	0	930.19	1835.14	1835.14
45	1.21702	2544.68	59.05	Mass Wasting Colluvium	100	38	511.364	708.929	779.392	0	779.392	1632.13	1632.13
46	1.21702	2231.64	61.6717	Mass Wasting Colluvium	100	38	426.271	590.961	628.402	0	628.402	1419.14	1419.14
47	1.21702	1880.13	64.5406	Mass Wasting Colluvium	100	38	340.733	472.375	476.618	0	476.618	1192.29	1192.29
48	1.21702	1476.19	67.7553	Mass Wasting Colluvium	100	38	254.175	352.376	323.026	0	323.026	944.478	944.478
49	1.21702	993.238	71.5047	Mass Wasting Colluvium	100	38	165.496	229.436	165.671	0	165.671	660.421	660.421

50	1.21702	363.783	76.2721	Mass Wasting Colluvium	100	38	70.2483	97.3887	-3.34234	0	-3.34234	284.219	284.219
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Walls 9,10, and 12a Seismic

Global Minimum Query (spencer) - Safety Factor: 1.0566

Slice Number	Width [ft]	Weight [lbs]	Angle of Slice Base [deg]	Base Material	Base Cohesion [psf]	Base Friction Angle [deg]	Shear Stress [psf]	Shear Strength [psf]	Base Normal Stress [psf]	Pore Pressure [psf]	Effective Normal Stress [psf]	Base Vertical Stress [psf]	Effective Vertical Stress [psf]
1	1.01982	670.476	11.3113	Verti-Block	3000	0	2839.3	3000	2517.82	0	2517.82	3085.75	3085.75
2	1.01982	1245.93	12.0521	Verti-Block	3000	0	2839.3	3000	2804.59	0	2804.59	3410.79	3410.79
3	1.01982	1218.44	12.7949	Verti-Block	3000	0	2839.3	3000	4556.95	0	4556.95	5201.76	5201.76
4	1.09601	1276.84	13.5679	Reinforced Fill	135	38	1245.14	1315.61	1511.12	0	1511.12	1811.61	1811.61
5	1.09601	1240.98	14.3714	Reinforced Fill	135	38	1176.2	1242.77	1417.88	0	1417.88	1719.25	1719.25
6	1.09601	1202.96	15.1777	Reinforced Fill	135	38	1109.61	1172.41	1327.83	0	1327.83	1628.84	1628.84
7	1.09601	1162.76	15.9871	Reinforced Fill	135	38	1045.27	1104.43	1240.82	0	1240.82	1540.29	1540.29
8	1.09601	1120.35	16.7998	Reinforced Fill	135	38	983.067	1038.71	1156.69	0	1156.69	1453.49	1453.49
9	1.09601	1075.7	17.616	Reinforced Fill	135	38	922.903	975.139	1075.33	0	1075.33	1368.37	1368.37
10	1.14658	1075.08	18.455	Mass Wasting Colluvium	100	38	814.278	860.366	973.225	0	973.225	1244.97	1244.97
11	1.14658	1021.1	19.317	Mass Wasting Colluvium	100	38	750.407	792.88	886.844	0	886.844	1149.88	1149.88
12	1.14658	964.459	20.1837	Mass Wasting Colluvium	100	38	694.539	733.85	811.291	0	811.291	1066.61	1066.61
13	1.14658	959.613	21.0552	Mass Wasting Colluvium	100	38	670.106	708.034	778.247	0	778.247	1036.22	1036.22
14	1.14658	2121.88	21.9318	Mass Wasting Colluvium	100	38	1259.66	1330.96	1575.55	0	1575.55	2082.75	2082.75
15	1.14658	3335.19	22.8139	Mass Wasting Colluvium	100	38	1834.59	1938.43	2353.08	0	2353.08	3124.8	3124.8
16	1.14658	3331.92	23.7017	Mass Wasting Colluvium	100	38	1773.47	1873.85	2270.42	0	2270.42	3048.98	3048.98
17	1.14658	3253.69	24.5956	Mass Wasting Colluvium	100	38	1679.42	1774.47	2143.22	0	2143.22	2911.96	2911.96
18	1.14658	3179.97	25.4959	Mass Wasting Colluvium	100	38	1592.21	1682.33	2025.3	0	2025.3	2784.6	2784.6
19	1.14658	3103.19	26.403	Mass Wasting Colluvium	100	38	1508.02	1593.37	1911.43	0	1911.43	2660.11	2660.11
20	1.14658	3023.29	27.3173	Mass Wasting Colluvium	100	38	1426.66	1507.41	1801.41	0	1801.41	2538.31	2538.31
21	1.14658	2940.18	28.2392	Mass Wasting Colluvium	100	38	1347.99	1424.29	1695.02	0	1695.02	2418.99	2418.99
22	1.14658	2853.79	29.1692	Mass Wasting Colluvium	100	38	1271.87	1343.86	1592.07	0	1592.07	2302	2302
23	1.14658	2764.02	30.1077	Mass Wasting Colluvium	100	38	1198.15	1265.97	1492.38	0	1492.38	2187.14	2187.14

24	1.14658	2692.36	31.0551	Mass Wasting Colluvium	100	38	1134.85	1199.08	1406.75	0	1406.75	2090.13	2090.13
25	1.10289	3489.42	31.9937	Reinforced Fill	135	38	1484.13	1568.13	1834.32	0	1834.32	2761.48	2761.48
26	1.10289	3981.3	32.9236	Reinforced Fill	135	38	2496.84	2638.16	3203.9	0	3203.9	4820.64	4820.64
27	1.10289	3885.04	33.8633	Reinforced Fill	135	38	1540.43	1627.62	1910.46	0	1910.46	2944.16	2944.16
28	1.10289	3777.86	34.8135	Reinforced Fill	135	38	1458.61	1541.17	1799.82	0	1799.82	2814.09	2814.09
29	1.12289	3739.37	35.7836	Mass Wasting Colluvium	100	38	1341.43	1417.36	1686.15	0	1686.15	2653.04	2653.04
30	1.12289	3628.3	36.7745	Mass Wasting Colluvium	100	38	1265.73	1337.37	1583.76	0	1583.76	2529.77	2529.77
31	1.12289	3513.12	37.7785	Mass Wasting Colluvium	100	38	1191.99	1259.46	1484.04	0	1484.04	2407.93	2407.93
32	1.12289	3393.67	38.7962	Mass Wasting Colluvium	100	38	1120.13	1183.53	1386.85	0	1386.85	2287.33	2287.33
33	1.12289	3269.75	39.8287	Mass Wasting Colluvium	100	38	1050.03	1109.46	1292.05	0	1292.05	2167.79	2167.79
34	1.12289	3141.18	40.877	Mass Wasting Colluvium	100	38	981.609	1037.17	1199.52	0	1199.52	2049.13	2049.13
35	1.12289	3007.72	41.9422	Mass Wasting Colluvium	100	38	914.796	966.573	1109.17	0	1109.17	1931.18	1931.18
36	1.12289	2869.13	43.0254	Mass Wasting Colluvium	100	38	849.517	897.6	1020.88	0	1020.88	1813.77	1813.77
37	1.12289	2725.14	44.1282	Mass Wasting Colluvium	100	38	785.716	830.188	934.595	0	934.595	1696.76	1696.76
38	1.12289	2575.43	45.2519	Mass Wasting Colluvium	100	38	723.345	764.286	850.248	0	850.248	1579.98	1579.98
39	1.12289	2419.67	46.3983	Mass Wasting Colluvium	100	38	662.371	699.861	767.79	0	767.79	1463.31	1463.31
40	1.12289	2257.47	47.5694	Mass Wasting Colluvium	100	38	602.778	636.895	687.197	0	687.197	1346.62	1346.62
41	1.12289	2088.39	48.7673	Mass Wasting Colluvium	100	38	544.568	575.391	608.47	0	608.47	1229.81	1229.81
42	1.12289	1911.94	49.9946	Mass Wasting Colluvium	100	38	487.768	515.376	531.657	0	531.657	1112.84	1112.84
43	1.12289	1727.52	51.254	Mass Wasting Colluvium	100	38	432.432	456.908	456.821	0	456.821	995.697	995.697
44	1.12289	1534.48	52.5489	Mass Wasting Colluvium	100	38	378.653	400.085	384.092	0	384.092	878.436	878.436
45	1.12289	1332.03	53.8833	Mass Wasting Colluvium	100	38	326.571	345.055	313.656	0	313.656	761.222	761.222
46	1.12289	1119.25	55.2618	Mass Wasting Colluvium	100	38	276.385	292.028	245.785	0	245.785	644.367	644.367
47	1.12289	895.022	56.69	Mass Wasting Colluvium	100	38	228.376	241.302	180.859	0	180.859	528.395	528.395
48	1.12289	658.003	58.1746	Mass Wasting Colluvium	100	38	182.938	193.292	119.409	0	119.409	414.166	414.166

49	1.12289	406.519	59.7242	Mass Wasting Colluvium	100	38	140.612	148.571	62.1679	0	62.1679	303.03	303.03
50	1.12289	138.465	61.3494	Mass Wasting Colluvium	100	38	103.768	109.641	12.3403	0	12.3403	202.265	202.265

Walls 11 and 12b Static

Global Minimum Query (spencer) - Safety Factor: 1.47133

Slice Number	Width [ft]	Weight [lbs]	Angle of Slice Base [deg]	Base Material	Base Cohesion [psf]	Base Friction Angle [deg]	Shear Stress [psf]	Shear Strength [psf]	Base Normal Stress [psf]	Pore Pressure [psf]	Effective Normal Stress [psf]	Base Vertical Stress [psf]	Effective Vertical Stress [psf]
1	1.31367	32.6164	-17.4844	Mass Wasting Colluvium	100	38	190.579	280.405	230.908	0	230.908	170.876	170.876
2	1.31367	94.7572	-15.9149	Mass Wasting Colluvium	100	38	243.154	357.76	329.917	0	329.917	260.585	260.585
3	1.31367	150.785	-14.3575	Mass Wasting Colluvium	100	38	282.72	415.974	404.428	0	404.428	332.061	332.061
4	1.31367	200.835	-12.811	Mass Wasting Colluvium	100	38	311.89	458.893	459.362	0	459.362	388.44	388.44
5	1.31367	245.021	-11.2738	Mass Wasting Colluvium	100	38	332.641	489.424	498.44	0	498.44	432.13	432.13
6	1.31367	283.445	-9.7449	Mass Wasting Colluvium	100	38	346.483	509.791	524.509	0	524.509	465.004	465.004
7	1.31367	316.191	-8.22294	Mass Wasting Colluvium	100	38	354.59	521.719	539.775	0	539.775	488.533	488.533
8	1.31367	346.754	-6.70681	Mass Wasting Colluvium	100	38	360.328	530.161	550.582	0	550.582	508.209	508.209
9	1.31367	383.855	-5.19538	Mass Wasting Colluvium	100	38	369.972	544.351	568.743	0	568.743	535.103	535.103
10	1.31367	416.51	-3.68757	Mass Wasting Colluvium	100	38	375.835	552.978	579.786	0	579.786	555.563	555.563
11	1.31367	443.697	-2.18232	Mass Wasting Colluvium	100	38	377.767	555.82	583.423	0	583.423	569.028	569.028
12	1.31367	465.436	-0.67857	Mass Wasting Colluvium	100	38	376.262	553.606	580.589	0	580.589	576.133	576.133
13	1.31367	481.739	0.824709	Mass Wasting Colluvium	100	38	371.728	546.935	572.051	0	572.051	577.402	577.402
14	1.31367	492.605	2.32856	Mass Wasting Colluvium	100	38	364.506	536.308	558.449	0	558.449	573.271	573.271
15	1.31367	498.022	3.83401	Mass Wasting Colluvium	100	38	354.878	522.143	540.319	0	540.319	564.102	564.102
16	1.31367	497.968	5.34213	Mass Wasting Colluvium	100	38	343.088	504.795	518.114	0	518.114	550.196	550.196
17	1.31367	517.596	6.85397	Mass Wasting Colluvium	100	38	341.679	502.722	515.461	0	515.461	556.53	556.53
18	1.31367	1908.85	8.37062	Mass Wasting Colluvium	100	38	988.67	1454.66	1733.89	0	1733.89	1879.37	1879.37
19	1.31367	3402.15	9.8932	Mass Wasting Colluvium	100	38	1637.83	2409.79	2956.39	0	2956.39	3242.04	3242.04
20	1.31367	3399.53	11.4229	Mass Wasting Colluvium	100	38	1582.88	2328.94	2852.92	0	2852.92	3172.74	3172.74
21	1.31367	3349.04	12.9609	Mass Wasting Colluvium	100	38	1510.26	2222.09	2716.15	0	2716.15	3063.74	3063.74
22	1.31367	3298.42	14.5084	Mass Wasting Colluvium	100	38	1441.36	2120.72	2586.4	0	2586.4	2959.39	2959.39

23	1.31367	3241.8	16.0669	Mass Wasting Colluvium	100	38	1373.5	2020.87	2458.6	0	2458.6	2854.18	2854.18
24	1.31367	3179.06	17.6377	Mass Wasting Colluvium	100	38	1306.55	1922.36	2332.52	0	2332.52	2747.92	2747.92
25	1.31367	3110.04	19.2223	Mass Wasting Colluvium	100	38	1240.38	1825.01	2207.92	0	2207.92	2640.41	2640.41
26	1.31367	3035.02	20.8223	Mass Wasting Colluvium	100	38	1175.08	1728.93	2084.93	0	2084.93	2531.83	2531.83
27	1.24569	2980.68	22.3972	Reinforced Fill	135	38	1203.69	1771.03	2094.02	0	2094.02	2590.08	2590.08
28	1.24569	4587.9	23.9479	Reinforced Fill	135	38	2208.51	3249.44	3986.3	0	3986.3	4967.18	4967.18
29	1.24569	6389	25.5174	Reinforced Fill	135	38	2323.19	3418.18	4202.28	0	4202.28	5311.26	5311.26
30	1.24569	6666.32	27.1077	Reinforced Fill	135	38	2347.49	3453.93	4248.04	0	4248.04	5449.71	5449.71
31	1.24569	6563.75	28.721	Reinforced Fill	135	38	2242.9	3300.04	4051.06	0	4051.06	5280.08	5280.08
32	1.33638	6923.97	30.4203	Mass Wasting Colluvium	100	38	2113.5	3109.65	3852.17	0	3852.17	5093.16	5093.16
33	1.33638	6793.55	32.2106	Mass Wasting Colluvium	100	38	2004.74	2949.64	3647.37	0	3647.37	4910.34	4910.34
34	1.33638	6653.66	34.0369	Mass Wasting Colluvium	100	38	1897.13	2791.3	3444.71	0	3444.71	4726.12	4726.12
35	1.33638	6503.71	35.9035	Mass Wasting Colluvium	100	38	1790.11	2633.84	3243.16	0	3243.16	4539.15	4539.15
36	1.33638	6342.97	37.8152	Mass Wasting Colluvium	100	38	1683.5	2476.98	3042.39	0	3042.39	4348.97	4348.97
37	1.33638	6170.6	39.7779	Mass Wasting Colluvium	100	38	1577.14	2320.49	2842.1	0	2842.1	4155.09	4155.09
38	1.33638	5985.59	41.7984	Mass Wasting Colluvium	100	38	1470.86	2164.12	2641.96	0	2641.96	3956.99	3956.99
39	1.33638	5786.72	43.8849	Mass Wasting Colluvium	100	38	1364.51	2007.64	2441.67	0	2441.67	3754.07	3754.07
40	1.33638	5572.51	46.0473	Mass Wasting Colluvium	100	38	1257.9	1850.79	2240.91	0	2240.91	3545.66	3545.66
41	1.33638	5341.11	48.2983	Mass Wasting Colluvium	100	38	1150.88	1693.32	2039.36	0	2039.36	3331	3331
42	1.33638	5090.15	50.6536	Mass Wasting Colluvium	100	38	1043.25	1534.96	1836.66	0	1836.66	3109.15	3109.15
43	1.33638	4816.55	53.134	Mass Wasting Colluvium	100	38	934.8	1375.4	1632.44	0	1632.44	2879.02	2879.02
44	1.33638	4516.18	55.7677	Mass Wasting Colluvium	100	38	825.315	1214.31	1426.25	0	1426.25	2639.19	2639.19
45	1.33638	4183.19	58.5942	Mass Wasting Colluvium	100	38	714.509	1051.28	1217.58	0	1217.58	2387.87	2387.87
46	1.33638	3808.89	61.673	Mass Wasting Colluvium	100	38	602.021	885.771	1005.74	0	1005.74	2122.55	2122.55
47	1.33638	3379.26	65.1007	Mass Wasting Colluvium	100	38	487.308	716.991	789.714	0	789.714	1839.56	1839.56

48	1.33638	2868.44	69.0563	Mass Wasting Colluvium	100	38	369.353	543.44	567.578	0	567.578	1532.61	1532.61
49	1.33638	2215.65	73.9645	Mass Wasting Colluvium	100	38	245.248	360.841	333.862	0	333.862	1187.15	1187.15
50	1.33638	921.413	83.3666	Mass Wasting Colluvium	100	38	76.6333	112.753	16.3229	0	16.3229	675.285	675.285

◆ Walls 11 and 12b Seismic

Global Minimum Query (spencer) - Safety Factor: 1.17775

Slice Number	Width [ft]	Weight [lbs]	Angle of Slice Base [deg]	Base Material	Base Cohesion [psf]	Base Friction Angle [deg]	Shear Stress [psf]	Shear Strength [psf]	Base Normal Stress [psf]	Pore Pressure [psf]	Effective Normal Stress [psf]	Base Vertical Stress [psf]	Effective Vertical Stress [psf]
1	1.02691	678.174	15.1517	Verti-Block	3000	0	2547.23	3000	2625.12	0	2625.12	3314.88	3314.88
2	1.02691	1921.45	16.0621	Verti-Block	3000	0	2547.23	3000	3027.54	0	3027.54	3760.93	3760.93
3	1.02691	2133.12	16.9767	Verti-Block	3000	0	2547.23	3000	3030.85	0	3030.85	3808.49	3808.49
4	0.936115	1909.96	17.8549	Reinforced Fill	135	38	1534.17	1806.87	2139.89	0	2139.89	2634.08	2634.08
5	0.936115	1875.23	18.6967	Reinforced Fill	135	38	1439.68	1695.58	1997.46	0	1997.46	2484.67	2484.67
6	0.936115	1838.78	19.5427	Reinforced Fill	135	38	1352.17	1592.52	1865.55	0	1865.55	2345.51	2345.51
7	0.936115	1800.57	20.3931	Reinforced Fill	135	38	6540.78	7703.4	9687.11	0	9687.11	12118.7	12118.7
8	0.936115	1760.58	21.2483	Reinforced Fill	135	38	1194.84	1407.22	1628.36	0	1628.36	2092.97	2092.97
9	0.936115	1718.77	22.1084	Reinforced Fill	135	38	1123.68	1323.41	1521.1	0	1521.1	1977.57	1977.57
10	0.936115	1675.12	22.9739	Reinforced Fill	135	38	1056.81	1244.66	1420.3	0	1420.3	1868.33	1868.33
11	0.936115	1629.59	23.8449	Reinforced Fill	135	38	993.793	1170.44	1325.3	0	1325.3	1764.54	1764.54
12	0.936115	1582.15	24.7218	Reinforced Fill	135	38	5009.8	5900.29	7379.23	0	7379.23	9685.79	9685.79
13	0.936115	1537.11	25.6049	Reinforced Fill	135	38	879.767	1036.15	1153.41	0	1153.41	1575.02	1575.02
14	0.936115	1845.83	26.4947	Reinforced Fill	135	38	980.811	1155.15	1305.74	0	1305.74	1794.64	1794.64
15	0.936115	2921.65	27.3913	Reinforced Fill	135	38	1390.01	1637.09	1922.6	0	1922.6	2642.84	2642.84
16	0.936115	4014.9	28.2953	Reinforced Fill	135	38	5133.79	6046.32	7566.14	0	7566.14	10329.9	10329.9
17	0.936115	4416.06	29.207	Reinforced Fill	135	38	1863.22	2194.41	2635.93	0	2635.93	3677.55	3677.55
18	0.936115	4349.72	30.1269	Reinforced Fill	135	38	1772.17	2087.17	2498.66	0	2498.66	3527.06	3527.06
19	0.936115	4287.35	31.0555	Reinforced Fill	135	38	1687.41	1987.35	2370.9	0	2370.9	3387.03	3387.03
20	0.936115	4222.84	31.9933	Reinforced Fill	135	38	1967.16	2316.82	2792.6	0	2792.6	4021.5	4021.5
21	0.936115	4155.93	32.9407	Reinforced Fill	135	38	1528.61	1800.32	2131.51	0	2131.51	3121.95	3121.95
22	0.936115	4086.53	33.8984	Reinforced Fill	135	38	1453.96	1712.4	2018.98	0	2018.98	2995.94	2995.94
23	0.914741	3923.74	34.8557	Mass Wasting Colluvium	100	38	1342.36	1580.97	1895.55	0	1895.55	2830.46	2830.46

24	0.914741	3852.55	35.8132	Mass Wasting Colluvium	100	38	1275.47	1502.18	1794.71	0	1794.71	2715.05	2715.05
25	0.914741	3778.79	36.7824	Mass Wasting Colluvium	100	38	1210.92	1426.16	1697.41	0	1697.41	2602.71	2602.71
26	0.914741	3702.36	37.764	Mass Wasting Colluvium	100	38	1148.57	1352.73	1603.43	0	1603.43	2493.19	2493.19
27	0.914741	3623.16	38.7588	Mass Wasting Colluvium	100	38	1088.3	1281.74	1512.55	0	1512.55	2386.28	2386.28
28	0.914741	3541.07	39.7676	Mass Wasting Colluvium	100	38	1029.96	1213.03	1424.61	0	1424.61	2281.76	2281.76
29	0.914741	3455.97	40.7915	Mass Wasting Colluvium	100	38	973.441	1146.47	1339.42	0	1339.42	2179.42	2179.42
30	0.914741	3367.71	41.8315	Mass Wasting Colluvium	100	38	918.656	1081.95	1256.84	0	1256.84	2079.12	2079.12
31	0.914741	3276.13	42.8886	Mass Wasting Colluvium	100	38	865.503	1019.35	1176.71	0	1176.71	1980.66	1980.66
32	0.914741	3181.08	43.9641	Mass Wasting Colluvium	100	38	813.898	958.568	1098.91	0	1098.91	1883.9	1883.9
33	0.914741	3082.35	45.0596	Mass Wasting Colluvium	100	38	763.764	899.523	1023.35	0	1023.35	1788.7	1788.7
34	1.01404	3296.75	46.2383	Reinforced Fill	135	38	1353.45	1594.03	1867.47	0	1867.47	3280.73	3280.73
35	1.01404	3164.99	47.5051	Reinforced Fill	135	38	693.281	816.512	872.299	0	872.299	1629.02	1629.02
36	1.01404	3027.16	48.8032	Reinforced Fill	135	38	1088.52	1282.01	1468.11	0	1468.11	2711.66	2711.66
37	0.947647	2698.68	50.0911	Mass Wasting Colluvium	100	38	561.526	661.337	718.479	0	718.479	1389.84	1389.84
38	0.947647	2566.83	51.3698	Mass Wasting Colluvium	100	38	516.742	608.593	650.969	0	650.969	1297.58	1297.58
39	0.947647	2428.71	52.6852	Mass Wasting Colluvium	100	38	473.234	557.351	585.383	0	585.383	1206.26	1206.26
40	0.947647	2283.74	54.0416	Mass Wasting Colluvium	100	38	431.036	507.653	521.772	0	521.772	1115.95	1115.95
41	0.947647	2131.23	55.4439	Mass Wasting Colluvium	100	38	390.268	459.638	460.316	0	460.316	1026.97	1026.97
42	0.947647	1970.35	56.898	Mass Wasting Colluvium	100	38	351.21	413.637	401.436	0	401.436	940.149	940.149
43	0.947647	1800.08	58.4111	Mass Wasting Colluvium	100	38	314.441	370.333	346.011	0	346.011	857.35	857.35
44	0.947647	1619.16	59.9924	Mass Wasting Colluvium	100	38	281.094	331.058	295.74	0	295.74	782.46	782.46
45	0.947647	1425.98	61.6535	Mass Wasting Colluvium	100	38	253.207	298.214	253.702	0	253.702	723.045	723.045
46	0.947647	1218.46	63.4095	Mass Wasting Colluvium	100	38	234.039	275.64	224.809	0	224.809	692.368	692.368
47	0.947647	993.774	65.2809	Mass Wasting Colluvium	100	38	227.17	267.549	214.453	0	214.453	707.921	707.921
48	0.947647	747.941	67.2966	Mass Wasting Colluvium	100	38	228.767	269.43	216.86	0	216.86	763.655	763.655

49	0.947647	475.037	69.5002	Mass Wasting Colluvium	100	38	186.366	219.493	152.944	0	152.944	651.409	651.409
50	0.947647	165.46	71.9622	Mass Wasting Colluvium	100	38	0	0	-206.647	0	-206.647	-206.647	-206.647

Interslice Data

◆ Walls 1 and 5b Static

Global Minimum Query (spencer) - Safety Factor: 1.54617

Slice Number	X coordinate [ft]	Y coordinate - Bottom [ft]	Interslice Normal Force [lbs]	Interslice Shear Force [lbs]	Interslice Force Angle [deg]
1	12.5364	1.79951	0	0	0
2	13.6239	2.24483	1608.76	1373.14	40.4821
3	14.7114	2.70637	3393.72	2896.68	40.4821
4	15.7988	3.1844	4193.68	3579.48	40.4821
5	16.8282	3.65233	4412	3765.82	40.4821
6	17.8576	4.13553	4588.26	3916.26	40.4821
7	18.8869	4.63427	8051.92	6872.64	40.4821
8	19.9163	5.14884	8150.57	6956.84	40.4821
9	20.9457	5.67952	8213.65	7010.68	40.4821
10	21.975	6.22665	8243.35	7036.03	40.4821
11	23.0044	6.79054	11451.5	9774.36	40.4822
12	24.0338	7.37155	11395	9726.09	40.4821
13	25.0631	7.97005	11229.3	9584.68	40.4822
14	26.0925	8.58645	14078.9	12016.9	40.4821
15	27.1219	9.22116	13739.2	11727	40.4822
16	28.1512	9.87462	13346.7	11392	40.4822
17	29.1806	10.5473	15959.6	13622.2	40.4822
18	30.21	11.2398	15468.7	13203.2	40.4822
19	31.2393	11.9525	14932.7	12745.6	40.482
20	32.2687	12.6861	17341.9	14802	40.4821
21	33.2981	13.4411	16723.8	14274.4	40.482
22	34.3274	14.2183	16068.8	13715.4	40.4822
23	35.3568	15.0184	18304.5	15623.6	40.482
24	36.3862	15.842	17584.4	15009	40.4821
25	37.4155	16.6901	16836.2	14370.4	40.4821
26	38.4449	17.5635	16062.9	13710.4	40.4822
27	39.4743	18.4632	15267.6	13031.5	40.4821
28	40.5036	19.3901	14453.5	12336.6	40.482
29	41.533	20.3455	13623.8	11628.4	40.4819
30	42.5305	21.2997	12785	10912.5	40.4821
31	43.528	22.2828	11937.8	10189.4	40.4821
32	44.5255	23.2964	11085.5	9461.91	40.4821
33	45.5231	24.3418	10231.4	8732.93	40.4822
34	46.5206	25.4207	9379.18	8005.51	40.4821
35	47.5181	26.5348	8532.48	7282.81	40.4821
36	48.5156	27.6861	7695.21	6568.17	40.4821
37	49.5132	28.8767	6871.47	5865.08	40.4821
38	50.5107	30.1091	6065.59	5177.23	40.4821
39	51.5082	31.386	5282.15	4508.53	40.4821
40	52.5057	32.7106	4526.01	3863.14	40.4822
41	53.5032	34.0863	3802.41	3245.51	40.4821
42	54.5008	35.5171	3116.93	2660.43	40.4821
43	55.4983	37.0078	2475.65	2113.07	40.4821
44	56.4958	38.5638	1885.2	1609.09	40.482
45	57.4933	40.1914	1352.87	1154.73	40.4821
46	58.4909	41.8983	886.827	756.943	40.4821
47	59.4884	43.6937	496.371	423.673	40.4821
48	60.4859	45.5888	192.331	164.162	40.482
49	61.4834	47.5978	-12.2413	-10.4485	40.4822
50	62.4809	49.7386	-100.899	-86.121	40.482
51	63.4785	52.035	0	0	0

Walls 1 and 5b Seismic

Global Minimum Query (spencer) - Safety Factor: 1.11886

Slice Number	X coordinate [ft]	Y coordinate - Bottom [ft]	Interslice Normal Force [lbs]	Interslice Shear Force [lbs]	Interslice Force Angle [deg]
1	12.5352	1.7875	0	0	0
2	13.6224	2.23583	1880.83	2854.71	56.621
3	14.7096	2.69406	3943.67	5985.68	56.6211
4	15.7968	3.16229	4789.79	7269.92	56.6211
5	17.0858	3.7305	4851.75	7363.97	56.6211
6	18.3748	4.31308	4865.48	7384.81	56.6211
7	19.6637	4.91021	10854.6	16475.1	56.6212
8	20.9527	5.52209	10785	16369.4	56.6211
9	22.2416	6.14891	10679.9	16209.9	56.6211
10	23.5306	6.79088	16213.1	24608.2	56.6211
11	24.8196	7.44821	15860.2	24072.6	56.6212
12	26.1085	8.12114	15263.8	23167.4	56.6212
13	27.3975	8.80989	19974	30316.4	56.6211
14	28.6864	9.51471	19249.2	29216.4	56.6211
15	29.9754	10.2359	18477.2	28044.6	56.6211
16	31.2644	10.9736	22778.5	34573.1	56.6211
17	32.5533	11.7283	21924.8	33277.4	56.6211
18	33.8423	12.5001	25989.9	39447.3	56.6211
19	35.1312	13.2894	25071.1	38052.8	56.6211
20	36.4202	14.0964	24125.7	36617.9	56.6211
21	37.7092	14.9217	23157.6	35148.5	56.6211
22	38.9981	15.7654	22170.5	33650.2	56.621
23	39.76	16.273	21555.2	32716.3	56.621
24	41.1671	17.228	20452.4	31042.5	56.621
25	42.5027	18.156	19353.3	29374.4	56.6211
26	43.8384	19.1055	18248.8	27697.9	56.6211
27	45.174	20.077	17142.6	26018.9	56.621
28	46.5097	21.0709	16038.6	24343.3	56.6211
29	47.8453	22.0879	14940.7	22677	56.6212
30	49.1809	23.1285	13852.7	21025.6	56.6211
31	50.5166	24.1934	12778.4	19395	56.6211
32	51.8522	25.2831	11721.6	17791.1	56.6213
33	53.1879	26.3985	10686.2	16219.4	56.621
34	54.5235	27.5402	9675.86	14686	56.6211
35	55.8592	28.7092	8694.54	13196.5	56.621
36	57.1948	29.9061	7746.09	11757	56.6211
37	58.5304	31.1319	6834.42	10373.2	56.621
38	59.8661	32.3876	5963.49	9051.36	56.6211
39	61.2017	33.6741	5137.33	7797.41	56.6211
40	62.5374	34.9928	4360.01	6617.6	56.6211
41	63.873	36.3446	3635.68	5518.22	56.6211
42	65.2086	37.7309	2968.59	4505.71	56.6211
43	66.5443	39.1531	2363.09	3586.68	56.621
44	67.8799	40.6127	1823.62	2767.88	56.6211
45	69.2156	42.1114	1354.78	2056.28	56.6211
46	70.5512	43.6508	961.307	1459.07	56.6211
47	71.8869	45.233	648.126	983.722	56.6211
48	73.2225	46.8601	420.374	638.042	56.6211
49	74.5581	48.5343	283.456	430.228	56.6211
50	75.8938	50.2583	243.102	368.98	56.6212
51	77.2294	52.035	0	0	0

 Wall 2 Static
Global Minimum Query (spencer) - Safety Factor: 2.92367

Slice Number	X coordinate [ft]	Y coordinate - Bottom [ft]	Interslice Normal Force [lbs]	Interslice Shear Force [lbs]	Interslice Force Angle [deg]
1	21.9728	5.395	0	0	0
2	22.1974	5.23452	22.6822	4.70186	11.7111
3	22.4221	5.08715	49.255	10.2102	11.7111
4	22.6467	4.95192	78.5117	16.2749	11.7111
5	22.8713	4.828	109.533	22.7054	11.7111
6	23.096	4.71472	141.605	29.3536	11.7111
7	23.3206	4.61151	174.164	36.1029	11.7111
8	23.5452	4.51788	206.762	42.8602	11.7111
9	23.7699	4.4334	239.038	49.5507	11.7111
10	23.9945	4.35773	270.699	56.1139	11.7111
11	24.2191	4.29056	301.51	62.5007	11.7111
12	24.4438	4.23164	331.279	68.6717	11.7111
13	24.6684	4.18074	359.854	74.595	11.7111
14	24.893	4.13769	387.111	80.2453	11.7111
15	25.1177	4.10234	412.958	85.6031	11.7111
16	25.3423	4.07456	437.322	90.6537	11.7111
17	25.567	4.05427	460.154	95.3865	11.7111
18	25.7916	4.0414	481.59	99.83	11.7111
19	26.0162	4.03591	501.764	104.012	11.7111
20	26.2409	4.03777	520.338	107.862	11.7111
21	26.4655	4.047	537.369	111.393	11.7112
22	26.6901	4.06362	560.644	116.217	11.7111
23	26.9148	4.0877	591.633	122.641	11.7111
24	27.1394	4.1193	622.492	129.038	11.7111
25	27.364	4.15854	646.815	134.08	11.7111
26	27.5887	4.20554	664.7	137.787	11.7111
27	27.8133	4.26048	676.308	140.194	11.7112
28	28.0379	4.32356	681.798	141.332	11.7112
29	28.2626	4.395	681.33	141.235	11.7112
30	28.4892	4.47585	670.318	138.952	11.7111
31	28.7159	4.56584	653.464	135.458	11.7111
32	28.9425	4.66538	630.944	130.79	11.7111
33	29.1692	4.77491	602.948	124.987	11.7112
34	29.3958	4.895	569.672	118.089	11.7111
35	29.6416	5.03793	537.163	111.35	11.7111
36	29.8874	5.19502	499.251	103.491	11.7111
37	30.1332	5.36748	456.275	94.5825	11.7111
38	30.1704	5.395	448.828	93.0387	11.7111
39	30.3828	5.55982	407.344	84.4394	11.7111
40	30.5951	5.73863	362.71	75.1871	11.7111
41	30.8075	5.93295	315.268	65.3527	11.7111
42	31.0198	6.14467	265.424	55.0204	11.7111
43	31.2322	6.37626	213.673	44.2928	11.7111
44	31.4445	6.63093	160.637	33.2988	11.7111
45	31.6569	6.91312	107.122	22.2055	11.7111
46	31.8692	7.22918	54.2268	11.2408	11.7111
47	32.0815	7.5888	3.54126	0.734076	11.7111
48	32.2939	8.00822	-42.4264	-8.79467	11.7111
49	32.5062	8.5189	-79.1292	-16.4029	11.7111
50	32.7186	9.20148	-95.8416	-19.8673	11.7112
51	32.9309	10.895	0	0	0

 Wall 2 Seismic
Global Minimum Query (spencer) - Safety Factor: 2.06163

Slice Number	X coordinate [ft]	Y coordinate - Bottom [ft]	Interslice Normal Force [lbs]	Interslice Shear Force [lbs]	Interslice Force Angle [deg]
1	21.2164	5.395	0	0	0
2	21.5303	5.26651	57.3723	38.0715	33.5677
3	21.8443	5.14795	116.082	77.0303	33.5677
4	22.1582	5.03902	174.786	115.986	33.5678
5	22.4722	4.93946	232.544	154.313	33.5677
6	22.7861	4.84903	288.693	191.573	33.5677
7	23.1001	4.76753	342.773	227.46	33.5678
8	23.414	4.69477	394.471	261.766	33.5678
9	23.728	4.63059	443.58	294.354	33.5677
10	24.0419	4.57486	489.977	325.142	33.5677
11	24.3559	4.52746	533.599	354.089	33.5677
12	24.6699	4.4883	574.431	381.185	33.5677
13	24.9838	4.45729	612.497	406.445	33.5677
14	25.2978	4.43438	647.851	429.906	33.5678
15	25.6117	4.41952	680.571	451.618	33.5677
16	25.9317	4.41263	691.993	459.198	33.5678
17	26.2516	4.41406	701.756	465.676	33.5677
18	26.5715	4.4238	711.796	472.338	33.5677
19	26.8915	4.44188	736.737	488.889	33.5677
20	27.2114	4.46834	765.1	507.711	33.5678
21	27.5314	4.50322	784.129	520.338	33.5677
22	27.8513	4.54661	794.239	527.047	33.5678
23	28.1713	4.59859	796.014	528.225	33.5678
24	28.4912	4.65928	790.014	524.243	33.5677
25	28.8112	4.7288	776.775	515.458	33.5677
26	29.1311	4.80732	756.818	502.215	33.5678
27	29.4511	4.895	730.653	484.852	33.5677
28	29.7154	4.97452	718.086	476.512	33.5677
29	29.9798	5.06056	701.879	465.758	33.5677
30	30.2723	5.16356	675.018	447.934	33.5678
31	30.5648	5.27496	644.448	427.647	33.5677
32	30.8573	5.395	610.53	405.14	33.5677
33	31.1732	5.53466	575.877	382.145	33.5678
34	31.4891	5.68513	538.202	357.144	33.5677
35	31.805	5.84684	497.996	330.464	33.5678
36	32.1209	6.02031	455.764	302.439	33.5677
37	32.4368	6.20612	412.033	273.42	33.5678
38	32.7527	6.40493	367.351	243.769	33.5677
39	33.0686	6.61753	322.296	213.872	33.5678
40	33.3845	6.84478	277.484	184.135	33.5678
41	33.7004	7.08773	233.574	154.997	33.5678
42	34.0163	7.34761	191.277	126.929	33.5677
43	34.3322	7.62585	151.372	100.449	33.5679
44	34.6481	7.92421	114.721	76.1275	33.5678
45	34.9672	8.24822	75.8808	50.3535	33.5677
46	35.2864	8.59765	42.2618	28.0444	33.5678
47	35.6055	8.97592	15.1192	10.0329	33.5677
48	35.9247	9.3875	-4.07817	-2.70622	33.5677
49	36.2438	9.83835	-13.5816	-9.0126	33.5678
50	36.563	10.3368	-11.2763	-7.48283	33.5678
51	36.8821	10.895	0	0	0

 Wall 3 Static
Global Minimum Query (spencer) - Safety Factor: 1.79523

Slice Number	X coordinate [ft]	Y coordinate - Bottom [ft]	Interslice Normal Force [lbs]	Interslice Shear Force [lbs]	Interslice Force Angle [deg]
1	13.1241	6.19833	0	0	0
2	13.9544	6.02349	109.022	58.0988	28.0536
3	14.7848	5.87006	254.97	135.875	28.0534
4	15.6151	5.73775	429.687	228.983	28.0534
5	16.4454	5.62631	626.274	333.746	28.0535
6	17.2758	5.53553	838.87	447.04	28.0535
7	18.1061	5.46525	1062.48	566.201	28.0534
8	18.9364	5.41535	1292.82	688.955	28.0535
9	19.7668	5.38572	1526.25	813.35	28.0535
10	20.5971	5.37633	1759.63	937.718	28.0534
11	21.4274	5.38715	1990.27	1060.63	28.0535
12	22.2578	5.4182	2215.89	1180.86	28.0534
13	23.0881	5.46954	2434.54	1297.38	28.0534
14	23.9184	5.54126	2644.57	1409.31	28.0535
15	24.7488	5.63349	2844.6	1515.91	28.0535
16	25.5791	5.7464	3033.5	1616.57	28.0534
17	26.4094	5.8802	3210.35	1710.82	28.0535
18	27.2398	6.03513	3374.43	1798.26	28.0535
19	28.0701	6.21149	3526.24	1879.16	28.0535
20	28.9004	6.40963	3740.89	1993.55	28.0535
21	29.7308	6.62993	4075.85	2172.05	28.0535
22	30.5611	6.87286	4421.33	2356.16	28.0535
23	31.3914	7.13891	4699.68	2504.49	28.0534
24	32.2218	7.42866	4913.54	2618.46	28.0535
25	33.0521	7.74277	5066.06	2699.74	28.0535
26	33.8824	8.08195	5160.37	2750	28.0535
27	34.7128	8.44705	5199.37	2770.78	28.0535
28	35.5431	8.83897	5185.96	2763.64	28.0535
29	36.3734	9.25877	5123.07	2730.12	28.0535
30	37.2038	9.70762	5013.67	2671.82	28.0535
31	38.0341	10.1869	4860.8	2590.36	28.0535
32	38.8644	10.698	4667.6	2487.4	28.0535
33	39.6708	11.2265	4460.52	2377.04	28.0534
34	40.4771	11.7886	5483.91	2922.42	28.0535
35	41.2834	12.3863	5216.76	2780.05	28.0535
36	42.0897	13.022	4924.75	2624.43	28.0534
37	42.8961	13.6986	4611.54	2457.52	28.0534
38	43.6898	14.4077	4264.48	2272.57	28.0535
39	44.4836	15.1634	3895.96	2076.18	28.0534
40	45.2773	15.97	3509.13	1870.04	28.0535
41	46.0711	16.8332	3107.63	1656.08	28.0535
42	46.8648	17.7595	2695.66	1436.54	28.0535
43	47.6586	18.7574	2278.13	1214.03	28.0534
44	48.4524	19.838	1860.94	991.707	28.0534
45	49.2461	21.0155	1451.25	773.381	28.0535
46	50.0399	22.3101	1058.06	563.848	28.0535
47	50.8336	23.7505	693.072	369.343	28.0535
48	51.6274	25.3813	372.366	198.436	28.0534
49	52.4212	27.2786	120.035	63.9674	28.0534
50	53.2149	29.5944	-21.8102	-11.6228	28.0534
51	54.0087	32.7472	0	0	0

◆ Wall 3 Seismic

Global Minimum Query (spencer) - Safety Factor: 1.34799

Slice Number	X coordinate [ft]	Y coordinate - Bottom [ft]	Interslice Normal Force [lbs]	Interslice Shear Force [lbs]	Interslice Force Angle [deg]
1	13.1255	6.19875	0	0	0
2	13.927	6.03059	450.957	434.236	43.9178
3	14.7285	5.88242	945.928	910.855	43.9179
4	15.53	5.75397	1455.83	1401.85	43.9178
5	16.3315	5.64502	1962.49	1889.73	43.9179
6	17.133	5.55538	2454.72	2363.7	43.9178
7	17.9345	5.4849	2925.7	2817.23	43.918
8	18.736	5.43346	3371.5	3246.49	43.9178
9	19.5375	5.40098	3789.94	3649.42	43.9179
10	20.339	5.38739	4180.05	4025.06	43.9178
11	21.1405	5.39267	4541.55	4373.16	43.9179
12	21.942	5.41685	4874.66	4693.92	43.9179
13	22.7435	5.45994	5179.9	4987.84	43.9179
14	23.545	5.52203	5457.97	5255.6	43.9179
15	24.3465	5.60323	5709.71	5498.01	43.9179
16	25.148	5.70366	5936.04	5715.95	43.9179
17	25.9495	5.82351	6137.95	5910.37	43.9179
18	26.751	5.96298	6316.44	6082.25	43.9179
19	27.5525	6.12231	6472.72	6232.73	43.9179
20	28.354	6.3018	6612.89	6367.7	43.9179
21	29.1555	6.50177	6786.13	6534.52	43.9179
22	29.957	6.7226	6956.16	6698.24	43.9179
23	30.7585	6.96472	7060.38	6798.59	43.9178
24	31.56	7.2286	7093.29	6830.29	43.9179
25	32.3615	7.51478	7061.34	6799.53	43.9179
26	33.163	7.82388	6970.32	6711.87	43.9178
27	33.9645	8.15656	6825.46	6572.39	43.9179
28	34.766	8.5136	6631.77	6385.88	43.9179
29	35.5675	8.89585	6393.95	6156.88	43.9179
30	36.3691	9.30426	6116.51	5889.72	43.9178
31	37.1706	9.73991	5803.76	5588.57	43.9179
32	37.9721	10.204	5459.89	5257.45	43.9179
33	38.7736	10.698	5088.99	4900.3	43.9179
34	39.5996	11.24	4703.77	4529.36	43.9178
35	40.4257	11.8174	5958.49	5737.56	43.9179
36	41.2518	12.4323	5537.49	5332.17	43.9179
37	42.0779	13.0875	5105.39	4916.09	43.9178
38	42.904	13.786	4812.45	4634.01	43.9178
39	43.7486	14.5487	4333.31	4172.64	43.9179
40	44.5932	15.3653	3845.6	3703.02	43.9179
41	45.4379	16.2413	3353.93	3229.57	43.9178
42	46.2825	17.1837	2863.37	2757.2	43.9178
43	47.1271	18.2015	2379.65	2291.42	43.9179
44	47.9717	19.306	1909.38	1838.59	43.918
45	48.8163	20.5125	1460.35	1406.2	43.9178
46	49.661	21.8418	1042.11	1003.47	43.9178
47	50.5056	23.3246	666.88	642.153	43.9178
48	51.3502	25.0078	351.187	338.166	43.9179
49	52.1948	26.9727	118.647	114.248	43.9179
50	53.0394	29.3831	1.78657	1.72033	43.9179
51	53.8841	32.7023	0	0	0

 Wall 4 Static
Global Minimum Query (spencer) - Safety Factor: 2.46856

Slice Number	X coordinate [ft]	Y coordinate - Bottom [ft]	Interslice Normal Force [lbs]	Interslice Shear Force [lbs]	Interslice Force Angle [deg]
1	5.09318	7.636	0	0	0
2	5.43363	7.50004	29.5878	11.6419	21.4781
3	5.77409	7.37541	63.2302	24.8791	21.4781
4	6.11455	7.26176	99.7751	39.2584	21.4781
5	6.455	7.15879	138.27	54.405	21.4781
6	6.79546	7.06622	177.927	70.0086	21.4781
7	7.13592	6.98381	218.09	85.8118	21.4781
8	7.47637	6.91136	258.22	101.601	21.478
9	7.81683	6.8487	297.868	117.202	21.4781
10	8.15728	6.79568	336.668	132.468	21.478
11	8.49774	6.75217	374.323	147.285	21.4782
12	8.8382	6.71807	410.597	161.557	21.4781
13	9.17865	6.69332	445.304	175.213	21.4781
14	9.51911	6.67785	478.306	188.198	21.478
15	9.86301	6.67161	495.535	194.977	21.478
16	10.2069	6.67479	511.47	201.248	21.4781
17	10.5508	6.68741	540.377	212.622	21.4781
18	10.8947	6.70948	611.344	240.545	21.4781
19	11.2386	6.74107	693.144	272.731	21.4781
20	11.5825	6.78223	763.816	300.538	21.4781
21	11.9264	6.83307	823.728	324.111	21.4781
22	12.2703	6.89371	873.252	343.597	21.4781
23	12.6143	6.96429	912.76	359.142	21.4781
24	12.9582	7.04499	942.629	370.895	21.4781
25	13.3021	7.136	963.243	379.006	21.4781
26	13.5925	7.22107	984.391	387.327	21.4781
27	13.8829	7.31382	999.597	393.31	21.4781
28	14.17	7.41326	1004.93	395.408	21.4781
29	14.4572	7.52058	1004.76	395.341	21.4781
30	14.7443	7.636	999.195	393.152	21.4781
31	15.0956	7.78861	990.228	389.624	21.4781
32	15.4469	7.95423	973.644	383.098	21.4781
33	15.7982	8.13345	949.723	373.686	21.4781
34	16.1495	8.32692	918.774	361.509	21.4781
35	16.5009	8.53544	881.14	346.701	21.4781
36	16.8522	8.75989	837.203	329.413	21.4781
37	17.2035	9.00132	787.395	309.815	21.4781
38	17.5548	9.26098	732.198	288.097	21.4781
39	17.9061	9.54032	672.168	264.477	21.4781
40	18.2574	9.8411	607.939	239.205	21.4781
41	18.6087	10.1655	540.251	212.572	21.4781
42	18.9653	10.5215	462.47	181.967	21.478
43	19.3218	10.908	382.781	150.612	21.478
44	19.6784	11.3294	302.445	119.003	21.4781
45	20.0349	11.7917	223.047	87.7619	21.4781
46	20.3915	12.303	146.642	57.699	21.4781
47	20.748	12.8753	76.0237	29.913	21.4781
48	21.1046	13.5268	15.2414	5.99701	21.4781
49	21.4611	14.2889	-29.2363	-11.5036	21.4781
50	21.8177	15.224	-45.2453	-17.8026	21.4781
51	22.1742	16.5055	0	0	0

 Wall 4 Seismic
Global Minimum Query (spencer) - Safety Factor: 1.72951

Slice Number	X coordinate [ft]	Y coordinate - Bottom [ft]	Interslice Normal Force [lbs]	Interslice Shear Force [lbs]	Interslice Force Angle [deg]
1	4.49817	7.636	0	0	0
2	4.91871	7.49203	98.0745	70.3652	35.6582
3	5.33924	7.36122	197.029	141.362	35.6582
4	5.75978	7.24322	294.56	211.337	35.6582
5	6.18031	7.13774	389.147	279.2	35.6582
6	6.60085	7.04451	479.805	344.245	35.6583
7	7.02139	6.96332	565.917	406.027	35.6582
8	7.44192	6.89397	647.122	464.289	35.6582
9	7.86246	6.83631	723.243	518.903	35.6582
10	8.28299	6.7902	794.236	569.838	35.6582
11	8.70353	6.75555	860.153	617.132	35.6582
12	9.12407	6.73228	921.119	660.873	35.6582
13	9.5446	6.72034	977.314	701.191	35.6582
14	9.92714	6.71929	995.043	713.911	35.6582
15	10.3097	6.72759	1010.52	725.017	35.6583
16	10.6922	6.74525	1054.24	756.383	35.6582
17	11.0747	6.77231	1132.24	812.348	35.6583
18	11.4573	6.80882	1200.59	861.382	35.6581
19	11.8398	6.85483	1254.27	899.901	35.6583
20	12.2223	6.91044	1294.34	928.648	35.6582
21	12.6049	6.97576	1321.75	948.311	35.6582
22	12.9874	7.05089	1337.4	959.542	35.6582
23	13.3699	7.136	1342.16	962.957	35.6582
24	13.8553	7.2586	1362.18	977.321	35.6582
25	14.2567	7.3726	1358.78	974.884	35.6583
26	14.6581	7.4983	1345.73	965.516	35.6582
27	15.0594	7.636	1323.53	949.59	35.6582
28	15.4487	7.78131	1301.82	934.012	35.6582
29	15.8379	7.93857	1272.39	912.902	35.6583
30	16.2271	8.10817	1235.77	886.624	35.6582
31	16.6164	8.29057	1192.46	855.551	35.6582
32	17.0056	8.48627	1143	820.063	35.6581
33	17.3948	8.69584	1087.93	780.558	35.6583
34	17.7841	8.91992	1027.85	737.448	35.6582
35	18.1733	9.15925	963.345	691.169	35.6582
36	18.5625	9.41469	895.061	642.177	35.6582
37	18.9617	9.69437	813.784	583.864	35.6582
38	19.3608	9.99323	729.966	523.727	35.6582
39	19.76	10.3127	644.436	462.362	35.6582
40	20.1591	10.6544	558.102	400.42	35.6582
41	20.5583	11.0204	471.967	338.621	35.6582
42	20.9574	11.4132	387.153	277.769	35.6581
43	21.3566	11.8356	304.928	218.776	35.6582
44	21.7557	12.2915	226.754	162.689	35.6583
45	22.1549	12.7857	154.338	110.733	35.6583
46	22.554	13.3242	89.7187	64.3702	35.6582
47	22.9532	13.9158	35.3844	25.3872	35.6583
48	23.3524	14.5723	-5.54821	-3.98066	35.6582
49	23.7515	15.312	-29.0824	-20.8657	35.6582
50	24.1507	16.1643	-30.0472	-21.5579	35.6582
51	24.5498	17.1846	0	0	0

Walls 5a and 6 Static

Global Minimum Query (spencer) - Safety Factor: 1.41454

Slice Number	X coordinate [ft]	Y coordinate - Bottom [ft]	Interslice Normal Force [lbs]	Interslice Shear Force [lbs]	Interslice Force Angle [deg]
1	-8.12706	5.119	0	0	0
2	-6.64276	4.77975	324.717	199.892	31.616
3	-5.15845	4.48087	720.928	443.793	31.6159
4	-3.67415	4.22174	1162.8	715.806	31.616
5	-2.18985	4.00182	1630.3	1003.59	31.6159
6	-0.705542	3.82066	2107.82	1297.55	31.616
7	0.778761	3.67791	2583.28	1590.23	31.6159
8	2.26306	3.57328	3047.32	1875.89	31.6159
9	3.74737	3.50657	3492.79	2150.12	31.616
10	5.23167	3.47765	3914.33	2409.61	31.6159
11	6.71598	3.48645	4308.47	2652.24	31.6159
12	8.20028	3.53301	4708.19	2898.3	31.6159
13	9.68458	3.6174	5126.27	3155.66	31.6159
14	11.1689	3.73979	5553.84	3418.87	31.6159
15	12.6532	3.90043	6433.18	3960.18	31.6159
16	14.1375	4.09964	7841.91	4827.38	31.6159
17	15.6218	4.3378	9103.82	5604.19	31.6159
18	17.1061	4.61542	10232.6	6299.03	31.6158
19	18.5904	4.93306	11243.8	6921.51	31.6158
20	20.0747	5.2914	12142.6	7474.83	31.6159
21	21.559	5.69122	12934.4	7962.26	31.6159
22	23.0433	6.13342	13662.7	8410.56	31.6158
23	24.5276	6.619	14762.3	9087.46	31.6159
24	26.3451	7.27436	16394.9	10092.5	31.6159
25	28.1625	7.99896	17685.1	10886.7	31.6159
26	29.5657	8.6075	18417	11337.3	31.616
27	30.9688	9.26048	18961	11672.2	31.616
28	32.372	9.95956	19323.7	11895.4	31.6159
29	33.7751	10.7067	19511.4	12010.9	31.6158
30	35.1782	11.5039	19530.7	12022.8	31.6158
31	36.5814	12.3537	19388.1	11935.1	31.616
32	37.9845	13.2587	19090.4	11751.8	31.6159
33	39.3877	14.2223	18644.6	11477.4	31.616
34	40.7908	15.2479	18057.8	11116.1	31.6158
35	42.1939	16.3399	17337.6	10672.8	31.6159
36	43.5971	17.503	16492.1	10152.3	31.6159
37	45.0002	18.743	15529.8	9559.94	31.6159
38	45.5554	19.2564	15133.6	9316.05	31.6159
39	46.9564	20.6133	14025.9	8634.17	31.6159
40	48.3573	22.0657	12825.5	7895.24	31.616
41	49.7583	23.6243	11544.3	7106.5	31.6158
42	51.1592	25.3029	10195.4	6276.14	31.6158
43	52.5602	27.1186	8794.2	5413.59	31.6159
44	53.9611	29.0944	7358.65	4529.89	31.6159
45	55.362	31.2612	5910.35	3638.33	31.6159
46	56.763	33.663	4476.06	2755.4	31.6159
47	58.1639	36.3659	3090.32	1902.36	31.6159
48	59.5649	39.4789	1800.36	1108.28	31.616
49	60.9658	43.2057	679.589	418.346	31.6159
50	62.3668	48.0336	-131.371	-80.8703	31.6159
51	63.7677	56.3301	0	0	0

 Walls 5a and 6 Seismic
Global Minimum Query (spencer) - Safety Factor: 1.08031

Slice Number	X coordinate [ft]	Y coordinate - Bottom [ft]	Interslice Normal Force [lbs]	Interslice Shear Force [lbs]	Interslice Force Angle [deg]
1	-3.7519	5.119	0	0	0
2	-2.31517	4.95901	1182.71	1376.46	49.3295
3	-0.878439	4.83107	2310.48	2688.99	49.3296
4	0.558292	4.735	3356.66	3906.55	49.3295
5	1.99502	4.67065	4308.09	5013.84	49.3295
6	3.43175	4.63794	5160.37	6005.74	49.3295
7	4.86848	4.63681	5914.68	6883.62	49.3295
8	6.30521	4.66726	6575.61	7652.83	49.3295
9	7.74194	4.72935	7190.96	8368.98	49.3295
10	9.17867	4.82315	7819.33	9100.3	49.3296
11	10.6154	4.9488	8441.55	9824.45	49.3295
12	12.0521	5.1065	9217.13	10727.1	49.3296
13	13.4889	5.29647	11218.2	13056	49.3296
14	14.9256	5.519	13038.9	15174.9	49.3295
15	15.2991	5.58222	13494.8	15705.5	49.3295
16	16.9298	5.88446	15143.9	17624.8	49.3296
17	18.5605	6.22982	16511.3	19216.2	49.3296
18	20.1913	6.619	17635.5	20524.6	49.3296
19	21.5384	6.97413	18475.5	21502.2	49.3296
20	22.8856	7.36023	19201.4	22346.9	49.3294
21	24.2327	7.77788	20120.3	23416.5	49.3296
22	25.5799	8.22772	24530.4	28549	49.3296
23	26.9271	8.71046	25345.5	29497.5	49.3294
24	28.2742	9.22689	25916	30161.6	49.3296
25	29.7738	9.84241	26235.1	30533	49.3296
26	31.2733	10.5021	26313.1	30623.7	49.3295
27	32.7729	11.2073	26172.1	30459.6	49.3295
28	34.2724	11.9599	25832	30063.8	49.3295
29	35.772	12.7616	25311.1	29457.6	49.3296
30	37.2715	13.6146	24626.3	28660.5	49.3295
31	38.7711	14.5212	23793.1	27690.8	49.3294
32	40.2706	15.4841	22826.4	26565.8	49.3295
33	41.7702	16.5062	21740.3	25301.8	49.3295
34	43.2698	17.5912	20548.6	23914.8	49.3294
35	44.7693	18.743	19264.6	22420.5	49.3295
36	45.5684	19.3856	18572.7	21615.3	49.3296
37	47.0921	20.6699	17328.3	20167	49.3295
38	48.6157	22.0369	15845.4	18441.2	49.3295
39	50.1394	23.4939	14316.7	16662.1	49.3296
40	51.6631	25.0497	12757.3	14847.2	49.3295
41	53.1868	26.7149	11183	13015	49.3295
42	54.7105	28.5026	9610.78	11185.2	49.3295
43	56.2341	30.4295	8059.56	9379.88	49.3295
44	57.7578	32.5169	6550.59	7623.71	49.3295
45	59.2815	34.7936	5108.24	5945.07	49.3295
46	60.8052	37.2989	3762.63	4379.02	49.3295
47	62.3289	40.0902	2552.42	2970.56	49.3296
48	63.8525	43.2569	1529.2	1779.72	49.3296
49	65.3762	46.9532	763.884	889.023	49.3295
50	66.8999	51.4935	346.995	403.84	49.3295
51	68.4236	57.7848	0	0	0

 Wall 7 Static
Global Minimum Query (spencer) - Safety Factor: 2.20275

Slice Number	X coordinate [ft]	Y coordinate - Bottom [ft]	Interslice Normal Force [lbs]	Interslice Shear Force [lbs]	Interslice Force Angle [deg]
1	-8.06814	6.551	0	0	0
2	-7.44444	6.25876	96.474	45.7299	25.3615
3	-6.82074	5.98979	218.606	103.622	25.3615
4	-6.19703	5.74317	358.492	169.93	25.3616
5	-5.57333	5.51811	510.066	241.778	25.3616
6	-4.94963	5.31392	668.617	316.933	25.3615
7	-4.32593	5.12999	830.459	393.648	25.3615
8	-3.70223	4.96581	992.687	470.547	25.3616
9	-3.07853	4.82091	1153.01	546.542	25.3616
10	-2.45482	4.69493	1309.62	620.776	25.3615
11	-1.83112	4.58752	1461.08	692.573	25.3616
12	-1.20742	4.49842	1606.3	761.409	25.3616
13	-0.583719	4.4274	1744.43	826.881	25.3615
14	0.039983	4.37428	1874.82	888.691	25.3616
15	0.663685	4.33894	1997.05	946.626	25.3615
16	1.28739	4.32129	2110.81	1000.55	25.3615
17	1.91109	4.32129	2217.49	1051.12	25.3616
18	2.53479	4.33894	2367.14	1122.06	25.3617
19	3.15849	4.37428	2669.6	1265.42	25.3615
20	3.78219	4.4274	3038.78	1440.42	25.3615
21	4.40589	4.49842	3364.35	1594.75	25.3616
22	5.0296	4.58752	3645.97	1728.24	25.3616
23	5.6533	4.69493	3885.46	1841.76	25.3616
24	6.277	4.82091	4084.01	1935.87	25.3615
25	6.9007	4.96581	4245.1	2012.23	25.3615
26	7.5244	5.12999	4370.65	2071.74	25.3615
27	8.1481	5.31392	4461.14	2114.64	25.3616
28	8.77181	5.51811	4517.09	2141.16	25.3616
29	9.39551	5.74317	4539.02	2151.55	25.3615
30	10.0192	5.98979	4527.49	2146.09	25.3616
31	10.6429	6.25876	4483.11	2125.05	25.3615
32	11.2666	6.551	4406.52	2088.75	25.3616
33	11.9222	6.88439	4302.51	2039.44	25.3615
34	12.5778	7.24605	4164.63	1974.09	25.3616
35	13.2333	7.6376	5036.29	2387.27	25.3616
36	13.8889	8.06097	4833.79	2291.28	25.3616
37	14.5445	8.51842	4600.75	2180.82	25.3616
38	15.2001	9.01264	4338.58	2056.54	25.3615
39	15.8556	9.54688	4048.84	1919.2	25.3615
40	16.5053	10.1197	3724.56	1765.49	25.3616
41	17.155	10.7404	3376.63	1600.57	25.3616
42	17.8047	11.415	3007.4	1425.55	25.3616
43	18.4544	12.1512	2619.66	1241.75	25.3615
44	19.1041	12.959	2216.84	1050.81	25.3615
45	19.7538	13.8524	1803.21	854.747	25.3616
46	20.4035	14.8513	1384.31	656.182	25.3616
47	21.0532	15.9859	967.601	458.656	25.3616
48	21.7029	17.3073	563.825	267.26	25.3615
49	22.3526	18.9138	190.317	90.213	25.3616
50	23.0023	21.0584	-116.359	-55.1556	25.3615
51	23.652	26.3718	0	0	0

 Wall 7 Seismic
Global Minimum Query (spencer) - Safety Factor: 2.25355

Slice Number	X coordinate [ft]	Y coordinate - Bottom [ft]	Interslice Normal Force [lbs]	Interslice Shear Force [lbs]	Interslice Force Angle [deg]
1	2.08999	6.62784	0	0	0
2	2.55238	6.87026	430.394	544.281	51.6646
3	3.01476	7.1178	734.497	928.854	51.6646
4	3.47714	7.37052	923.333	1167.66	51.6646
5	3.93953	7.6285	1752.73	2216.52	51.6645
6	4.40191	7.89182	1935.56	2447.72	51.6644
7	4.8643	8.16055	2126.7	2689.45	51.6646
8	5.32668	8.43479	2327.05	2942.81	51.6645
9	5.77406	8.70544	2147.94	2716.31	51.6646
10	6.22144	8.9814	1971.53	2493.22	51.6646
11	6.66882	9.26277	1796.72	2272.15	51.6645
12	7.1162	9.54962	2485.17	3142.77	51.6645
13	7.56358	9.84206	2310.17	2921.47	51.6646
14	8.01096	10.1402	2135.35	2700.39	51.6646
15	8.45834	10.4441	1960.87	2479.74	51.6646
16	8.90572	10.7539	1786.91	2259.75	51.6646
17	9.3531	11.0696	1613.67	2040.67	51.6646
18	9.80048	11.3915	1441.34	1822.73	51.6645
19	10.2479	11.7197	2095.71	2650.25	51.6645
20	10.6952	12.0542	1925.76	2435.34	51.6646
21	11.1426	12.3952	1757.31	2222.31	51.6645
22	11.59	12.7428	1590.56	2011.44	51.6646
23	12.0374	13.0972	1425.71	1802.97	51.6646
24	12.4848	13.4585	1262.98	1597.18	51.6646
25	12.9321	13.827	1900.64	2403.58	51.6647
26	13.3795	14.2027	1742.8	2203.96	51.6645
27	13.8269	14.5858	1587.72	2007.85	51.6646
28	14.2743	14.9766	1435.64	1815.53	51.6646
29	14.7217	15.3752	1286.79	1627.29	51.6646
30	15.169	15.7819	1723.4	2179.43	51.6646
31	15.6164	16.1968	1581.71	2000.25	51.6646
32	16.0638	16.6202	1443.96	1826.05	51.6646
33	16.5112	17.0523	1310.41	1657.16	51.6646
34	16.9586	17.4935	1181.31	1493.89	51.6644
35	17.4059	17.9439	1056.92	1336.6	51.6647
36	17.8533	18.404	937.538	1185.62	51.6645
37	18.3007	18.8739	823.444	1041.34	51.6647
38	18.7481	19.3541	714.956	904.142	51.6646
39	19.2269	19.8798	597.984	756.217	51.6646
40	19.7056	20.4181	488.13	617.294	51.6645
41	20.1844	20.9695	385.895	488.007	51.6646
42	20.6632	21.5347	291.863	369.093	51.6646
43	20.9787	21.9149	240.152	303.699	51.6646
44	21.4259	22.4648	166.231	210.217	51.6645
45	21.8731	23.0282	101.313	128.122	51.6647
46	22.3203	23.6055	46.3871	58.6617	51.6646
47	22.7674	24.1976	2.7202	3.43999	51.6645
48	23.2146	24.8051	-28.053	-35.4761	51.6645
49	23.6618	25.4289	-43.7987	-55.3884	51.6646
50	24.109	26.0698	-41.7031	-52.7383	51.6646
51	24.5561	26.7289	0	0	0

 Wall 8 Static
Global Minimum Query (spencer) - Safety Factor: 2.4197

Slice Number	X coordinate [ft]	Y coordinate - Bottom [ft]	Interslice Normal Force [lbs]	Interslice Shear Force [lbs]	Interslice Force Angle [deg]
1	-2.7341	6.662	0	0	0
2	-2.18593	6.38383	66.0741	24.8716	20.6273
3	-1.63777	6.12769	151.34	56.9673	20.6273
4	-1.0896	5.89261	250.528	94.3036	20.6273
5	-0.541437	5.67774	359.428	135.296	20.6274
6	0.00672759	5.48236	474.653	178.669	20.6274
7	0.554893	5.30582	593.457	223.389	20.6273
8	1.10306	5.14757	713.608	268.617	20.6274
9	1.65122	5.00715	833.29	313.667	20.6273
10	2.19939	4.88414	951.025	357.985	20.6274
11	2.74755	4.77819	1065.61	401.119	20.6274
12	3.29572	4.68901	1176.09	442.706	20.6274
13	3.84388	4.61637	1281.7	482.459	20.6274
14	4.39205	4.56006	1381.84	520.154	20.6274
15	4.94021	4.51995	1476.07	555.622	20.6273
16	5.48838	4.49592	1564.06	588.744	20.6274
17	6.03654	4.48792	1646.8	619.887	20.6273
18	6.58471	4.49592	1736.72	653.735	20.6273
19	7.13287	4.51995	1921.16	723.163	20.6273
20	7.68104	4.56006	2182.97	821.716	20.6274
21	8.2292	4.61637	2428.03	913.96	20.6274
22	8.77737	4.68901	2637.92	992.965	20.6273
23	9.32553	4.77819	2813.84	1059.19	20.6274
24	9.8737	4.88414	2956.98	1113.07	20.6274
25	10.4219	5.00715	3068.16	1154.92	20.6274
26	10.97	5.14757	3148.94	1185.33	20.6274
27	11.5182	5.30582	3200.5	1204.73	20.6273
28	12.0664	5.48236	3223.95	1213.56	20.6274
29	12.6145	5.67774	3220.44	1212.24	20.6274
30	13.1627	5.89261	3191.12	1201.2	20.6273
31	13.7109	6.12769	3137.14	1180.88	20.6273
32	14.259	6.38383	3059.73	1151.74	20.6273
33	14.8072	6.662	2960.12	1114.25	20.6274
34	15.3304	6.94911	2853.34	1074.06	20.6274
35	15.8537	7.25847	2728.83	1027.19	20.6274
36	16.3769	7.59137	2587.86	974.125	20.6274
37	16.9002	7.94937	2431.82	915.385	20.6273
38	17.4306	8.33976	2251.72	847.593	20.6274
39	17.9611	8.76002	2058.61	774.901	20.6273
40	18.4915	9.21284	1854.8	698.183	20.6273
41	19.022	9.70147	1642.33	618.208	20.6274
42	19.5524	10.2299	1423.54	535.85	20.6274
43	20.0829	10.8033	1201.11	452.121	20.6273
44	20.6133	11.4281	978.204	368.216	20.6274
45	21.1438	12.113	758.691	285.587	20.6274
46	21.6742	12.8698	547.406	206.055	20.6274
47	22.2047	13.7156	350.69	132.007	20.6274
48	22.7352	14.6768	177.372	66.7666	20.6274
49	23.2656	15.7975	40.8935	15.3932	20.6274
50	23.7961	17.1653	-35.0459	-13.192	20.6274
51	24.3265	19.012	0	0	0

 Wall 8 Seismic
Global Minimum Query (spencer) - Safety Factor: 1.7137

Slice Number	X coordinate [ft]	Y coordinate - Bottom [ft]	Interslice Normal Force [lbs]	Interslice Shear Force [lbs]	Interslice Force Angle [deg]
1	-3.85457	6.662	0	0	0
2	-3.2626	6.40019	259.381	184.148	35.3729
3	-2.67062	6.15885	529.914	376.213	35.3729
4	-2.07865	5.93727	799.454	567.573	35.3729
5	-1.48668	5.73483	1061.21	753.405	35.3728
6	-0.894704	5.55097	1311.4	931.033	35.373
7	-0.30273	5.3852	1548.03	1099.03	35.373
8	0.289243	5.23711	1770.1	1256.69	35.373
9	0.881216	5.10633	1977.24	1403.75	35.373
10	1.47319	4.99255	2169.46	1540.21	35.3729
11	2.06516	4.89549	2347	1666.26	35.373
12	2.65714	4.81494	2510.25	1782.16	35.373
13	3.24911	4.75072	2659.7	1888.26	35.3729
14	3.84108	4.70267	2795.9	1984.95	35.3729
15	4.43305	4.6707	2919.47	2072.68	35.3729
16	5.02503	4.65473	3031.05	2151.89	35.3728
17	5.617	4.65473	3131.39	2223.14	35.373
18	6.20897	4.6707	3222.23	2287.63	35.3729
19	6.80095	4.70267	3335.58	2368.1	35.3729
20	7.39292	4.75072	3516.46	2496.52	35.3729
21	7.98489	4.81494	3702.35	2628.49	35.3729
22	8.57687	4.89549	3844.32	2729.28	35.3729
23	9.16884	4.99255	3945.1	2800.83	35.3729
24	9.76081	5.10633	4007.65	2845.23	35.3728
25	10.3528	5.23711	4034.74	2864.47	35.3729
26	10.9448	5.3852	4029.08	2860.45	35.3729
27	11.5367	5.55097	3993.06	2834.87	35.3728
28	12.1287	5.73483	3928.95	2789.37	35.373
29	12.7207	5.93727	3838.97	2725.48	35.3729
30	13.3127	6.15885	3725.23	2644.73	35.3729
31	13.9046	6.40019	3589.78	2548.57	35.3729
32	14.4966	6.662	3434.67	2438.45	35.3729
33	15.0976	6.9496	3271.37	2322.51	35.3729
34	15.6986	7.26013	3091.89	2195.09	35.3729
35	16.2996	7.59472	2898.39	2057.71	35.3728
36	16.9006	7.95466	2693.03	1911.92	35.3729
37	17.502	8.34165	2465.75	1750.57	35.373
38	18.1033	8.75727	2231.1	1583.97	35.3729
39	18.7046	9.20356	1991.46	1413.84	35.3729
40	19.3059	9.68295	1749.35	1241.95	35.3728
41	19.9073	10.1983	1507.48	1070.24	35.373
42	20.5086	10.7532	1268.79	900.78	35.3729
43	21.1099	11.352	1036.5	735.862	35.3728
44	21.7112	11.9999	814.201	578.043	35.3729
45	22.3126	12.7039	606.004	430.234	35.3729
46	22.9139	13.473	416.679	295.822	35.3729
47	23.5152	14.3195	251.93	178.858	35.3729
48	24.1165	15.2605	118.808	84.3478	35.3729
49	24.7179	16.3221	26.3904	18.7359	35.3729
50	25.3192	17.5465	-13.051	-9.26557	35.3729
51	25.9205	19.012	0	0	0

 Walls 9, 10, and 12a Static
Global Minimum Query (spencer) - Safety Factor: 1.38635

Slice Number	X coordinate [ft]	Y coordinate - Bottom [ft]	Interslice Normal Force [lbs]	Interslice Shear Force [lbs]	Interslice Force Angle [deg]
1	0.360363	3.93881	0	0	0
2	1.58957	3.75853	201.569	129.269	32.6726
3	2.81878	3.60706	440.295	282.368	32.6727
4	4.04799	3.48417	705.296	452.317	32.6727
5	5.27719	3.38964	987.449	633.266	32.6727
6	6.5064	3.32334	1279.13	820.323	32.6726
7	7.73561	3.28515	1573.98	1009.42	32.6727
8	8.96482	3.27503	1866.77	1197.19	32.6727
9	10.194	3.29295	2153.19	1380.87	32.6726
10	11.4232	3.33894	2429.76	1558.24	32.6726
11	12.6524	3.41307	2693.74	1727.54	32.6727
12	14.0487	3.53157	2991.77	1918.67	32.6727
13	15.4449	3.68677	4224.16	2709.02	32.6727
14	16.8412	3.879	5414.3	3472.27	32.6726
15	16.9356	3.89335	5492.92	3522.69	32.6726
16	18.1629	4.09545	6425.95	4121.06	32.6727
17	19.3902	4.32683	7269.11	4661.79	32.6727
18	20.6175	4.58786	8026.85	5147.74	32.6727
19	21.8447	4.879	8703.62	5581.76	32.6727
20	22.9585	5.16967	9282.88	5953.24	32.6726
21	24.2329	5.53377	9836.82	6308.5	32.6727
22	25.5073	5.93215	10317.8	6616.99	32.6728
23	26.7818	6.36562	10731.2	6882.06	32.6726
24	28.0562	6.83508	11117.2	7129.6	32.6726
25	29.3307	7.34155	11702.2	7504.76	32.6725
26	30.6051	7.88617	12285.8	7879.09	32.6727
27	31.8795	8.47023	12736.4	8168.07	32.6727
28	33.154	9.09516	13062.7	8377.32	32.6727
29	34.4284	9.76257	13273.2	8512.28	32.6726
30	35.7029	10.4743	13376	8578.22	32.6726
31	36.9773	11.2324	13379.4	8580.42	32.6727
32	38.2518	12.0392	13291.8	8524.24	32.6727
33	39.5262	12.8974	13121.6	8415.1	32.6727
34	40.8006	13.8099	12856.5	8245.05	32.6726
35	42.0751	14.7805	12337	7911.88	32.6726
36	43.3495	15.813	11690.2	7497.08	32.6726
37	44.6523	16.9376	10969.5	7034.93	32.6728
38	45.8694	18.0565	10187	6533.07	32.6726
39	47.0864	19.2474	9339.29	5989.42	32.6726
40	48.3034	20.5174	8436.35	5410.35	32.6726
41	49.5204	21.8749	7488.83	4802.7	32.6727
42	50.7374	23.3306	6508.39	4173.92	32.6726
43	51.9545	24.8976	5507.94	3532.33	32.6727
44	53.1715	26.5932	4502.22	2887.34	32.6727
45	54.3885	28.44	3508.47	2250.03	32.6726
46	55.6055	30.4695	2547.66	1633.85	32.6726
47	56.8226	32.7271	1646.61	1056	32.6728
48	58.0396	35.2833	842.034	540.009	32.6727
49	59.2566	38.2588	189.487	121.521	32.6727
50	60.4736	41.8971	-212.306	-136.155	32.6727
51	61.6906	46.879	0	0	0

Walls 9,10, and 12a Seismic

Global Minimum Query (spencer) - Safety Factor: 1.0566

Slice Number	X coordinate [ft]	Y coordinate - Bottom [ft]	Interslice Normal Force [lbs]	Interslice Shear Force [lbs]	Interslice Force Angle [deg]
1	13.5691	5.38515	0	0	0
2	14.5889	5.58914	2237.94	2449.26	47.5814
3	15.6087	5.80688	4249.92	4651.21	47.5813
4	16.6285	6.03848	8148.28	8917.66	47.5813
5	17.7245	6.30298	8830.16	9663.93	47.5813
6	18.8205	6.58381	9445.87	10337.8	47.5814
7	19.9165	6.88113	10000.4	10944.6	47.5811
8	21.0125	7.19513	10498.3	11489.6	47.5814
9	22.1085	7.52604	10944.4	11977.8	47.5813
10	23.2045	7.87405	11342.8	12413.9	47.5815
11	24.3511	8.25669	11673.8	12776.1	47.5814
12	25.4977	8.6586	11950.9	13079.3	47.5812
13	26.6443	9.08009	12190.9	13342	47.5813
14	27.7909	9.52148	12402.4	13573.5	47.5814
15	28.9375	9.98315	12647.1	13841.3	47.5814
16	30.084	10.4655	12873.1	14088.6	47.5813
17	31.2306	10.9688	13021.7	14251.3	47.5814
18	32.3772	11.4936	13097.7	14334.5	47.5815
19	33.5238	12.0404	13107.5	14345.1	47.5812
20	34.6704	12.6097	13057.1	14290	47.5813
21	35.8169	13.2019	12952.3	14175.3	47.5813
22	36.9635	13.8177	12798.8	14007.2	47.5811
23	38.1101	14.4577	12602	13791.9	47.5813
24	39.2567	15.1226	12367.4	13535.1	47.5812
25	40.4033	15.813	12097	13239.2	47.5812
26	41.5062	16.502	11691.8	12795.8	47.5814
27	42.609	17.2161	13515.2	14791.4	47.5814
28	43.7119	17.9562	12933.6	14154.8	47.5813
29	44.8148	18.7231	12319.2	13482.4	47.5813
30	45.9377	19.5325	11626.3	12724.1	47.5813
31	47.0606	20.3717	10908.7	11938.8	47.5815
32	48.1835	21.2421	10171.5	11131.9	47.5813
33	49.3064	22.1448	9419.88	10309.3	47.5812
34	50.4292	23.0813	8659.02	9476.63	47.5813
35	51.5521	24.0531	7894.18	8639.57	47.5813
36	52.675	25.0621	7130.71	7804.01	47.5813
37	53.7979	26.1102	6374.04	6975.9	47.5813
38	54.9208	27.1994	5629.78	6161.36	47.5813
39	56.0437	28.3322	4903.68	5366.7	47.5813
40	57.1666	29.5113	4201.75	4598.49	47.5813
41	58.2895	30.7397	3530.22	3863.55	47.5813
42	59.4123	32.0209	2895.64	3169.05	47.5813
43	60.5352	33.3588	2304.91	2522.55	47.5814
44	61.6581	34.7581	1765.33	1932.02	47.5814
45	62.781	36.2241	1284.64	1405.93	47.5811
46	63.9039	37.763	871.054	953.301	47.5813
47	65.0268	39.3823	533.342	583.702	47.5813
48	66.1497	41.0911	280.797	307.31	47.5813
49	67.2725	42.9003	123.222	134.857	47.5813
50	68.3954	44.8238	70.8124	77.4986	47.5813
51	69.5183	46.879	0	0	0

Walls 11 and 12b Static

Global Minimum Query (spencer) - Safety Factor: 1.47133

Slice Number	X coordinate [ft]	Y coordinate - Bottom [ft]	Interslice Normal Force [lbs]	Interslice Shear Force [lbs]	Interslice Force Angle [deg]
1	-10.6709	6.05	0	0	0
2	-9.35722	5.63619	345.6	201.12	30.197
3	-8.04355	5.26162	788.209	458.694	30.197
4	-6.72988	4.92536	1295.14	753.701	30.1971
5	-5.4162	4.62663	1841.58	1071.7	30.1971
6	-4.10253	4.36476	2408.55	1401.64	30.197
7	-2.78886	4.13915	2981.48	1735.06	30.1971
8	-1.47518	3.94931	3549.19	2065.43	30.197
9	-0.16151	3.79483	4107.01	2390.06	30.1971
10	1.15216	3.67538	4660.37	2712.08	30.1971
11	2.46584	3.59072	5202.57	3027.61	30.1971
12	3.77951	3.54066	5727.43	3333.05	30.1971
13	5.09318	3.5251	6230.13	3625.59	30.197
14	6.40686	3.54401	6707.04	3903.13	30.1971
15	7.72053	3.59743	7155.46	4164.08	30.197
16	9.0342	3.68547	7573.51	4407.36	30.197
17	10.3479	3.80831	7960.01	4632.29	30.1971
18	11.6615	3.96621	8326.92	4845.81	30.1971
19	12.9752	4.1595	9288.94	5405.65	30.197
20	14.2889	4.38862	10760.5	6262.02	30.1971
21	15.6026	4.65405	12080.1	7029.94	30.197
22	16.9162	4.95639	13240.4	7705.18	30.197
23	18.2299	5.29633	14252.3	8294.05	30.197
24	19.5436	5.67468	15124.2	8801.44	30.197
25	20.8573	6.09235	15864.2	9232.09	30.197
26	22.1709	6.5504	16480.3	9590.64	30.1971
27	23.4846	7.05	16980.5	9881.68	30.197
28	24.7303	7.56337	17403	10127.6	30.1971
29	25.976	8.11662	21420.8	12465.7	30.197
30	27.2217	8.71125	21812.4	12693.6	30.197
31	28.4674	9.34891	22024.2	12816.8	30.1969
32	29.713	10.0315	22049.4	12831.6	30.1972
33	31.0494	10.8162	21851.7	12716.5	30.1971
34	32.3858	11.6581	21456.7	12486.6	30.197
35	33.7222	12.5608	20879.5	12150.7	30.197
36	35.0586	13.5283	20131	11715.1	30.197
37	36.3949	14.5654	19222.5	11186.5	30.1972
38	37.7313	15.678	18165.6	10571.4	30.1971
39	39.0677	16.8728	16972.2	9876.88	30.197
40	40.4041	18.1581	15655	9110.37	30.1971
41	41.7405	19.5443	14227.8	8279.77	30.197
42	43.0769	21.0441	12705.2	7393.71	30.197
43	44.4132	22.6741	11103.8	6461.79	30.197
44	45.7496	24.4562	9442.33	5494.92	30.1971
45	47.086	26.4203	7742.69	4505.82	30.1971
46	48.4224	28.6091	6031.26	3509.86	30.197
47	49.7588	31.0883	4341.44	2526.48	30.1971
48	51.0951	33.9673	2718.22	1581.85	30.197
49	52.4315	37.459	1229.43	715.46	30.197
50	53.7679	42.1086	4.43851	2.58297	30.1971
51	55.1043	53.6	0	0	0

◆ **Walls 11 and 12b Seismic**

Global Minimum Query (spencer) - Safety Factor: 1.17775

Slice Number	X coordinate [ft]	Y coordinate - Bottom [ft]	Interslice Normal Force [lbs]	Interslice Shear Force [lbs]	Interslice Force Angle [deg]
1	11.5813	8.0094	0	0	0
2	12.6082	8.28748	1803.55	2783.62	57.0602
3	13.6351	8.58314	3094.26	4775.72	57.0602
4	14.662	8.89664	4282.52	6609.7	57.0602
5	15.5982	9.19819	4645.83	7170.44	57.0602
6	16.5343	9.51499	4940.94	7625.92	57.0602
7	17.4704	9.84727	5175.19	7987.46	57.0602
8	18.4065	10.1953	11893	18355.8	57.0602
9	19.3426	10.5593	12024.6	18558.9	57.0602
10	20.2787	10.9396	12113.2	18695.7	57.0602
11	21.2148	11.3364	12163.8	18773.8	57.0602
12	22.151	11.7502	12180.9	18800.2	57.0603
13	23.0871	12.1812	17672.2	27275.5	57.0602
14	24.0232	12.6298	17634.2	27216.8	57.0602
15	24.9593	13.0964	17529.7	27055.6	57.0602
16	25.8954	13.5814	17244.2	26614.9	57.0602
17	26.8315	14.0854	21642.3	33403.1	57.0603
18	27.7677	14.6087	21018.2	32439.8	57.0602
19	28.7038	15.152	20345.8	31401.9	57.0601
20	29.6399	15.7157	19628.8	30295.3	57.0602
21	30.576	16.3005	19444.8	30011.4	57.0602
22	31.5121	16.907	18652.3	28788.2	57.0602
23	32.4482	17.536	17828.3	27516.4	57.0602
24	33.363	18.1731	16969.9	26191.5	57.0601
25	34.2777	18.8331	16089.2	24832.3	57.0602
26	35.1924	19.517	15189.8	23444.2	57.0603
27	36.1072	20.2256	14275.1	22032.4	57.0602
28	37.0219	20.96	13348.4	20602.1	57.0602
29	37.9367	21.7213	12413	19158.4	57.0602
30	38.8514	22.5106	11472.2	17706.4	57.0603
31	39.7662	23.3294	10529.3	16251	57.0601
32	40.6809	24.1791	9587.44	14797.4	57.0602
33	41.5956	25.0614	8650	13350.5	57.0602
34	42.5104	25.978	7720.28	11915.6	57.0602
35	43.5244	27.0368	8307.44	12821.8	57.0602
36	44.5385	28.1437	7336.14	11322.7	57.0602
37	45.5525	29.3021	7661.19	11824.4	57.0602
38	46.5001	30.4352	6774.86	10456.4	57.0602
39	47.4478	31.621	5917.74	9133.52	57.0602
40	48.3954	32.8643	5094.44	7862.83	57.0602
41	49.3431	34.1706	4309.83	6651.84	57.0602
42	50.2907	35.5465	3568.96	5508.39	57.0603
43	51.2384	37.0001	2876.97	4440.35	57.0602
44	52.186	38.5412	2238.57	3455.03	57.0601
45	53.1337	40.182	1657.03	2557.48	57.0602
46	54.0813	41.9386	1131.96	1747.08	57.0602
47	55.029	43.8318	655.242	1011.31	57.0602
48	55.9766	45.8903	206.496	318.709	57.0602
49	56.9243	48.1554	-235.413	-363.34	57.0602
50	57.8719	50.69	-552.836	-853.255	57.0602
51	58.8196	53.6	0	0	0

Discharge Sections

Entity Information

◆ Walls 1 and 5b Static

Shared Entities

Type	Coordinates (x,y)
External Boundary	-54.151, 1.785 -54.151, -27.496 91.431, -27.496 91.431, 52.035 53.0816, 52.035 28.358, 52.035 25.358, 52.035 23.083, 28.285 18.083, 28.285 15.083, 28.285 12.535, 1.785
Material Boundary	12.535, 1.785 12.535, 0.285 15.535, 0.285 18.083, 28.285
Material Boundary	23.083, 28.285 23.083, 27.035 26.083, 27.035 28.358, 52.035
Material Boundary	12.535, 0.285 12.035, 0.285 11.735, -0.215 16.335, -0.215 16.035, 0.285 15.535, 0.285
Material Boundary	23.083, 27.035 22.583, 27.035 22.283, 26.535 26.883, 26.535 26.583, 27.035 26.083, 27.035
Material Boundary	16.035, 0.285 16.535, 1.785 35.563, 1.785 36.1615, 8.30103 38.1615, 8.30103 39.055, 16.273 41.055, 16.273 41.993, 24.265 43.993, 24.265 44.857, 32.965 46.857, 32.965 47.704, 40.98 49.704, 40.98 50.66, 48.924 52.66, 48.924 53.0816, 52.035

◆ **Walls 1 and 5b Seismic**

Shared Entities

Type	Coordinates (x,y)
External Boundary	-54.151, 1.785 -54.151, -27.496 91.431, -27.496 91.431, 52.035 53.0816, 52.035 28.358, 52.035 25.358, 52.035 23.083, 28.285 18.083, 28.285 15.083, 28.285 12.535, 1.785
Material Boundary	12.535, 1.785 12.535, 0.285 15.535, 0.285 18.083, 28.285
Material Boundary	23.083, 28.285 23.083, 27.035 26.083, 27.035 28.358, 52.035
Material Boundary	12.535, 0.285 12.035, 0.285 11.735, -0.215 16.335, -0.215 16.035, 0.285 15.535, 0.285
Material Boundary	23.083, 27.035 22.583, 27.035 22.283, 26.535 26.883, 26.535 26.583, 27.035 26.083, 27.035
Material Boundary	16.035, 0.285 16.535, 1.785 35.563, 1.785 36.1615, 8.30103 38.1615, 8.30103 39.055, 16.273 41.055, 16.273 41.993, 24.265 43.993, 24.265 44.857, 32.965 46.857, 32.965 47.704, 40.98 49.704, 40.98 50.66, 48.924 52.66, 48.924 53.0816, 52.035

◆ **Wall 2 Static**

Shared Entities

Type	Coordinates (x,y)
External Boundary	9.021, 5.395
	9.672, -2.994
	46.268, -2.994
	46.268, 10.895
	35.397, 10.895
	34.943, 10.895
	29.943, 10.895
	26.943, 10.895
Material Boundary	26.4425, 5.395
	26.397, 4.895
	29.397, 4.895
	29.943, 10.895
Material Boundary	26.397, 4.895
	25.897, 4.895
	25.597, 4.395
	30.197, 4.395
	29.897, 4.895
	29.397, 4.895
Material Boundary	29.897, 4.895
	30.147, 5.395
	34.397, 5.395
	34.943, 10.895

◆ **Wall 2 Seismic**

Shared Entities

Type	Coordinates (x,y)
External Boundary	9.021, 5.395
	9.672, -2.994
	46.268, -2.994
	46.268, 10.895
	35.397, 10.895
	34.943, 10.895
	29.943, 10.895
	26.943, 10.895
Material Boundary	26.4425, 5.395
	26.397, 4.895
	29.397, 4.895
	29.943, 10.895
Material Boundary	26.397, 4.895
	25.897, 4.895
	25.597, 4.395
	30.197, 4.395
	29.897, 4.895
	29.397, 4.895
Material Boundary	29.897, 4.895
	30.147, 5.395
	34.397, 5.395
	34.943, 10.895

◆ **Wall 3 Static**

Shared Entities

Type	Coordinates (x,y)
External Boundary	3.806, 6.198 3.806, -7.27 65.912, -7.27 65.912, 33.198 55.261, 33.198 48.4413, 30.7429 42.761, 28.698 32.761, 28.698 29.761, 28.698 28.123, 10.698 13.123, 6.198
Material Boundary	28.123, 10.698 28.123, 9.698 31.123, 9.698 32.761, 28.698
Material Boundary	28.123, 9.698 27.623, 9.698 27.323, 9.198 31.923, 9.198 31.623, 9.698 31.123, 9.698
Material Boundary	31.623, 9.698 31.873, 10.698 42.623, 10.698 43.2603, 17.7014 45.2603, 17.7014 46.012, 25.708 48.012, 25.708 48.4413, 30.7429

◆ **Wall 3 Seismic**

Shared Entities

Type	Coordinates (x,y)
External Boundary	3.806, 6.198 3.806, -7.27 65.912, -7.27 65.912, 33.198 55.261, 33.198 48.4413, 30.7429 42.761, 28.698 32.761, 28.698 29.761, 28.698 28.123, 10.698 13.123, 6.198
Material Boundary	28.123, 10.698 28.123, 9.698 31.123, 9.698 32.761, 28.698
Material Boundary	28.123, 9.698 27.623, 9.698 27.323, 9.198 31.923, 9.198 31.623, 9.698 31.123, 9.698
Material Boundary	31.623, 9.698 31.873, 10.698 42.623, 10.698 43.2603, 17.7014 45.2603, 17.7014 46.012, 25.708 48.012, 25.708 48.4413, 30.7429

◆ **Wall 4 Static**

Shared Entities

Type	Coordinates (x,y)
External Boundary	-3.762, 7.636 -3.762, -1.015 33.191, -1.015 33.191, 19.655 20.9815, 16.1645 13.886, 14.136 10.886, 14.136 10.294, 7.636
Material Boundary	10.294, 7.636 10.294, 7.136 13.294, 7.136 13.886, 14.136
Material Boundary	10.294, 7.136 9.794, 7.136 9.494, 6.636 14.094, 6.636 13.794, 7.136 13.294, 7.136
Material Boundary	13.794, 7.136 14.044, 7.636 18.453, 7.636 18.8532, 14.136 20.8532, 14.136 20.9815, 16.1645

◆ **Wall 4 Seismic**

Shared Entities

Type	Coordinates (x,y)
External Boundary	-3.762, 7.636 -3.762, -1.015 33.191, -1.015 33.191, 19.655 20.9815, 16.1645 13.886, 14.136 10.886, 14.136 10.294, 7.636
Material Boundary	10.294, 7.636 10.294, 7.136 13.294, 7.136 13.886, 14.136
Material Boundary	10.294, 7.136 9.794, 7.136 9.494, 6.636 14.094, 6.636 13.794, 7.136 13.294, 7.136
Material Boundary	13.794, 7.136 14.044, 7.636 18.453, 7.636 18.8532, 14.136 20.8532, 14.136 20.9815, 16.1645

◆ **Walls 5a and 6 Static**

Shared Entities

Type	Coordinates (x,y)
External Boundary	-29.568, 5.119 -29.568, -18.746 79.674, -18.746 79.674, 61.3 57.315, 54.314 27.986, 45.36 24.986, 45.36 22.574, 18.86 15.574, 18.019 12.574, 18.019 11.537, 6.619 6.537, 5.119
Material Boundary	22.574, 18.86 22.574, 17.36 25.574, 17.36 27.986, 45.36
Material Boundary	22.574, 17.36 22.074, 17.36 21.774, 16.86 26.374, 16.86 26.074, 17.36 25.574, 17.36
Material Boundary	14.537, 6.019 15.574, 18.019
Material Boundary	11.537, 6.619 11.537, 6.019 14.537, 6.019
Material Boundary	11.537, 6.019 11.037, 6.019 10.737, 5.519 15.337, 5.519 15.037, 6.019 14.537, 6.019
Material Boundary	15.037, 6.019 15.287, 6.619 28.037, 6.619 28.7089, 14.0055 30.7089, 14.0055 31.24, 18.743 45.504, 18.743 46.37, 27.387 48.37, 27.387 49.178, 35.421 51.178, 35.421 51.988, 43.344 53.988, 43.344 54.97, 50.983 56.97, 50.983 57.315, 54.314

◆ **Walls 5a and 6 Seismic****Shared Entities**

Type	Coordinates (x,y)
External Boundary	-29.568, 5.119 -29.568, -18.746 79.674, -18.746 79.674, 61.3 57.315, 54.314 27.986, 45.36 24.986, 45.36 22.574, 18.86 15.574, 18.019 12.574, 18.019 11.537, 6.619 6.537, 5.119
Material Boundary	22.574, 18.86 22.574, 17.36 25.574, 17.36 27.986, 45.36
Material Boundary	22.574, 17.36 22.074, 17.36 21.774, 16.86 26.374, 16.86 26.074, 17.36 25.574, 17.36
Material Boundary	14.537, 6.019 15.574, 18.019
Material Boundary	11.537, 6.619 11.537, 6.019 14.537, 6.019
Material Boundary	11.537, 6.019 11.037, 6.019 10.737, 5.519 15.337, 5.519 15.037, 6.019 14.537, 6.019
Material Boundary	15.037, 6.019 15.287, 6.619 28.037, 6.619 28.7089, 14.0055 30.7089, 14.0055 31.24, 18.743 45.504, 18.743 46.37, 27.387 48.37, 27.387 49.178, 35.421 51.178, 35.421 51.988, 43.344 53.988, 43.344 54.97, 50.983 56.97, 50.983 57.315, 54.314

 Wall 7 Static

Shared Entities

Type	Coordinates (x,y)
External Boundary	-16.691, 6.551 -16.691, -7.64 26.357, -7.64 26.357, 27.44 21.277, 25.434 6.266, 19.551 3.266, 19.551 2.083, 6.551
Material Boundary	2.083, 6.551 2.083, 5.551 5.083, 5.551 6.266, 19.551
Material Boundary	2.083, 5.551 1.583, 5.551 1.283, 5.051 5.883, 5.051 5.583, 5.551 5.083, 5.551
Material Boundary	5.583, 5.551 5.833, 6.551 15.583, 6.551 16.2185, 13.5347 18.2185, 13.5347 18.9465, 21.5347 20.9465, 21.5347 21.277, 25.434

◆ **Wall 7 Seismic**

Shared Entities

Type	Coordinates (x,y)
External Boundary	-16.691, 6.551 -16.691, -7.64 26.357, -7.64 26.357, 27.44 21.277, 25.434 6.266, 19.551 3.266, 19.551 2.083, 6.551
Material Boundary	2.083, 6.551 2.083, 5.551 5.083, 5.551 6.266, 19.551
Material Boundary	2.083, 5.551 1.583, 5.551 1.283, 5.051 5.883, 5.051 5.583, 5.551 5.083, 5.551
Material Boundary	5.583, 5.551 5.833, 6.551 15.583, 6.551 16.2185, 13.5347 18.2185, 13.5347 18.9465, 21.5347 20.9465, 21.5347 21.277, 25.434

◆ **Wall 8 Static**

Shared Entities

Type	Coordinates (x,y)
External Boundary	-5.933, 6.662 -8.821, 6.662 -8.821, -2.373 31.614, -2.373 31.614, 19.012 19.9068, 19.012 10.466, 19.012 7.466, 19.012 6.342, 6.662
Material Boundary	6.342, 6.662 6.283, 6.012 9.283, 6.012 10.466, 19.012
Material Boundary	6.283, 6.012 5.783, 6.012 5.483, 5.512 10.083, 5.512 9.783, 6.012 9.283, 6.012
Material Boundary	9.783, 6.012 10.033, 6.662 16.783, 6.662 17.511, 14.662 19.511, 14.662 19.9068, 19.012

◆ **Wall 8 Seismic**

Shared Entities

Type	Coordinates (x,y)
External Boundary	-5.933, 6.662 -8.821, 6.662 -8.821, -2.373 31.614, -2.373 31.614, 19.012 19.9068, 19.012 10.466, 19.012 7.466, 19.012 6.342, 6.662
Material Boundary	6.342, 6.662 6.283, 6.012 9.283, 6.012 10.466, 19.012
Material Boundary	6.283, 6.012 5.783, 6.012 5.483, 5.512 10.083, 5.512 9.783, 6.012 9.283, 6.012
Material Boundary	9.783, 6.012 10.033, 6.662 16.783, 6.662 17.511, 14.662 19.511, 14.662 19.9068, 19.012

◆ **Walls 9, 10, and 12a Static**

Shared Entities

Type	Coordinates (x,y)
External Boundary	-8.911, 3.879 -50.551, 3.879 -50.551, -36.018 89.168, -36.018 89.168, 46.879 55.3835, 46.879 44.345, 46.879 41.345, 46.879 40.253, 34.879 32.253, 34.879 29.253, 34.879 27.524, 15.879 17.524, 15.879 14.524, 15.879 13.523, 4.879 -0.477, 3.879
Material Boundary	40.253, 34.879 40.162, 33.879 43.162, 33.879 44.345, 46.879

Material Boundary	27.524, 15.879 27.433, 14.879 30.433, 14.879 32.253, 34.879
Material Boundary	13.523, 4.879 13.432, 3.879 16.432, 3.879 17.524, 15.879
Material Boundary	40.162, 33.879 39.662, 33.879 39.362, 33.379 43.962, 33.379 43.662, 33.879 43.162, 33.879
Material Boundary	27.433, 14.879 26.933, 14.879 26.633, 14.379 31.233, 14.379 30.933, 14.879 30.433, 14.879
Material Boundary	13.432, 3.879 12.932, 3.879 12.632, 3.379 17.232, 3.379 16.932, 3.879 16.432, 3.879
Material Boundary	16.932, 3.879 17.182, 4.879 22.932, 4.879 23.66, 12.879 31.687, 12.879 32.075, 15.813 44.55, 15.813 45.278, 23.813 47.278, 23.813 48.006, 31.813 50.006, 31.813 50.334, 35.346 52.334, 35.346 53.062, 43.346 55.062, 43.346 55.3835, 46.879

◆ **Walls 9,10, and 12a Seismic**

Shared Entities

Type	Coordinates (x,y)
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External Boundary	-8.911, 3.879 -50.551, 3.879 -50.551, -36.018 89.168, -36.018 89.168, 46.879 55.3835, 46.879 44.345, 46.879 41.345, 46.879 40.253, 34.879 32.253, 34.879 29.253, 34.879 27.524, 15.879 17.524, 15.879 14.524, 15.879 13.523, 4.879 -0.477, 3.879
Material Boundary	40.253, 34.879 40.162, 33.879 43.162, 33.879 44.345, 46.879
Material Boundary	27.524, 15.879 27.433, 14.879 30.433, 14.879 32.253, 34.879
Material Boundary	13.523, 4.879 13.432, 3.879 16.432, 3.879 17.524, 15.879
Material Boundary	40.162, 33.879 39.662, 33.879 39.362, 33.379 43.962, 33.379 43.662, 33.879 43.162, 33.879
Material Boundary	27.433, 14.879 26.933, 14.879 26.633, 14.379 31.233, 14.379 30.933, 14.879 30.433, 14.879
Material Boundary	13.432, 3.879 12.932, 3.879 12.632, 3.379 17.232, 3.379 16.932, 3.879 16.432, 3.879

Material Boundary	16.932, 3.879
	17.182, 4.879
	22.932, 4.879
	23.66, 12.879
	31.687, 12.879
	32.075, 15.813
	44.55, 15.813
	45.278, 23.813
	47.278, 23.813
	48.006, 31.813
	50.006, 31.813
	50.334, 35.346
	52.334, 35.346
	53.062, 43.346
	55.062, 43.346
	55.3835, 46.879

◆ **Walls 11 and 12b Static**

Shared Entities

Type	Coordinates (x,y)
External Boundary	-8.16, 6.05 -34.127, 6.05 -34.127, -18.195 65.56, -18.195 65.56, 53.6 53.6726, 53.6 29.73, 53.6 26.73, 53.6 24.223, 26.05 16.223, 26.05 13.223, 26.05 11.494, 7.05 -1.006, 6.05
Material Boundary	24.223, 26.05 24.091, 24.6 27.091, 24.6 29.73, 53.6
Material Boundary	11.494, 7.05 11.403, 6.05 14.403, 6.05 16.223, 26.05
Material Boundary	11.403, 6.05 10.903, 6.05 10.603, 5.55 15.203, 5.55 14.903, 6.05 14.403, 6.05
Material Boundary	24.091, 24.6 23.591, 24.6 23.291, 24.1 27.891, 24.1 27.591, 24.6 27.091, 24.6
Material Boundary	14.903, 6.05 15.153, 7.05 29.403, 7.05 30.1315, 14.0552 32.1315, 14.0552 32.8595, 22.0552 34.8595, 22.0552 35.182, 25.978 45.25, 25.978 45.978, 33.978 47.887, 33.978 48.615, 41.978 50.615, 41.978 51.343, 49.978 53.343, 49.978 53.6726, 53.6

◆ **Walls 11 and 12b Seismic**

Shared Entities

Type	Coordinates (x,y)
External Boundary	-8.16, 6.05 -34.127, 6.05 -34.127, -18.195 65.56, -18.195 65.56, 53.6 53.6726, 53.6 29.73, 53.6 26.73, 53.6 24.223, 26.05 16.223, 26.05 13.223, 26.05 11.494, 7.05 -1.006, 6.05
Material Boundary	24.223, 26.05 24.091, 24.6 27.091, 24.6 29.73, 53.6
Material Boundary	11.494, 7.05 11.403, 6.05 14.403, 6.05 16.223, 26.05
Material Boundary	11.403, 6.05 10.903, 6.05 10.603, 5.55 15.203, 5.55 14.903, 6.05 14.403, 6.05
Material Boundary	24.091, 24.6 23.591, 24.6 23.291, 24.1 27.891, 24.1 27.591, 24.6 27.091, 24.6
Material Boundary	14.903, 6.05 15.153, 7.05 29.403, 7.05 30.1315, 14.0552 32.1315, 14.0552 32.8595, 22.0552 34.8595, 22.0552 35.182, 25.978 45.25, 25.978 45.978, 33.978 47.887, 33.978 48.615, 41.978 50.615, 41.978 51.343, 49.978 53.343, 49.978 53.6726, 53.6

