

30	0.291897	225.425	23.7993	Reinforced Fill	135	38	288.119	561.032	545.297	0	545.297	672.369	672.369
31	0.291897	220.739	25.4401	Reinforced Fill	135	38	275.867	537.174	514.759	0	514.759	645.987	645.987
32	0.291897	215.69	27.1035	Reinforced Fill	135	38	263.789	513.656	484.657	0	484.657	619.665	619.665
33	0.291897	210.264	28.7921	Reinforced Fill	135	38	251.865	490.437	454.938	0	454.938	593.356	593.356
34	0.291897	204.442	30.5084	Reinforced Fill	135	38	240.077	467.482	425.557	0	425.557	567.02	567.02
35	0.291897	198.204	32.2557	Reinforced Fill	135	38	228.406	444.756	396.468	0	396.468	540.613	540.613
36	0.291897	191.524	34.0373	Reinforced Fill	135	38	216.837	422.23	367.637	0	367.637	514.102	514.102
37	0.291897	184.376	35.8573	Reinforced Fill	135	38	205.357	399.876	339.027	0	339.027	487.448	487.448
38	0.291897	176.728	37.72	Reinforced Fill	135	38	193.952	377.668	310.602	0	310.602	460.614	460.614
39	0.291897	168.54	39.6309	Reinforced Fill	135	38	182.611	355.583	282.335	0	282.335	433.569	433.569
40	0.291897	159.767	41.5963	Reinforced Fill	135	38	171.32	333.598	254.194	0	254.194	406.279	406.279
41	0.291897	150.357	43.6236	Reinforced Fill	135	38	160.07	311.692	226.155	0	226.155	378.713	378.713
42	0.291897	140.242	45.7218	Reinforced Fill	135	38	148.852	289.847	198.195	0	198.195	350.845	350.845
43	0.296082	131.109	47.9186	Mass Wasting Colluvium	100	38	120.731	235.09	172.907	0	172.907	306.61	306.61
44	0.296082	118.965	50.2296	Mass Wasting Colluvium	100	38	109.637	213.487	145.257	0	145.257	276.985	276.985
45	0.296082	105.751	52.659	Mass Wasting Colluvium	100	38	98.5717	191.941	117.679	0	117.679	246.881	246.881
46	0.296082	91.2792	55.2326	Mass Wasting Colluvium	100	38	87.568	170.514	90.2541	0	90.2541	216.401	216.401
47	0.296082	75.2891	57.9859	Mass Wasting Colluvium	100	38	76.7175	149.386	63.2111	0	63.2111	185.918	185.918
48	0.296082	57.3982	60.9716	Mass Wasting Colluvium	100	38	66.2635	129.03	37.1562	0	37.1562	156.559	156.559
49	0.296082	37.0041	64.2732	Mass Wasting Colluvium	100	38	56.8715	110.741	13.7483	0	13.7483	131.777	131.777
50	0.296082	13.044	68.0387	Mass Wasting Colluvium	100	38	54.9156	106.933	8.87348	0	8.87348	145.059	145.059

Walla 9a and 9b - Static

Global Minimum Query (spencer) - Safety Factor: 1.76198

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	1.18431	32.0713	-20.8616	Mass Wasting Colluvium	100	38	139.412	245.641	186.411	0	186.411	133.282	133.282
2	1.18431	93.4337	-19.191	Mass Wasting Colluvium	100	38	183.235	322.856	285.243	0	285.243	221.466	221.466
3	1.18431	149.319	-17.5371	Mass Wasting Colluvium	100	38	217.387	383.032	362.264	0	362.264	293.567	293.567
4	1.18431	199.883	-15.8983	Mass Wasting Colluvium	100	38	243.862	429.68	421.971	0	421.971	352.513	352.513
5	1.18431	245.261	-14.2727	Mass Wasting Colluvium	100	38	264.103	465.344	467.619	0	467.619	400.434	400.434
6	1.18431	285.57	-12.6587	Mass Wasting Colluvium	100	38	279.18	491.91	501.621	0	501.621	438.917	438.917
7	1.18431	320.914	-11.055	Mass Wasting Colluvium	100	38	289.907	510.811	525.815	0	525.815	469.174	469.174
8	1.18431	351.378	-9.45991	Mass Wasting Colluvium	100	38	296.916	523.16	541.62	0	541.62	492.147	492.147
9	1.18431	377.037	-7.87223	Mass Wasting Colluvium	100	38	300.703	529.832	550.16	0	550.16	508.582	508.582
10	1.18431	397.949	-6.29061	Mass Wasting Colluvium	100	38	301.666	531.53	552.333	0	552.333	519.079	519.079
11	1.18431	414.166	-4.7138	Mass Wasting Colluvium	100	38	300.132	528.826	548.873	0	548.873	524.124	524.124
12	1.18431	425.722	-3.14056	Mass Wasting Colluvium	100	38	296.366	522.191	540.379	0	540.379	524.118	524.118
13	1.18431	432.646	-1.56969	Mass Wasting Colluvium	100	38	290.591	512.016	527.356	0	527.356	519.393	519.393
14	1.18431	434.952	0	Mass Wasting Colluvium	100	38	282.995	498.632	510.226	0	510.226	510.226	510.226
15	1.18431	434.203	1.56969	Mass Wasting Colluvium	100	38	274.466	483.603	490.989	0	490.989	498.51	498.51
16	1.18431	714.022	3.14056	Mass Wasting Colluvium	100	38	393.328	693.036	759.051	0	759.051	780.632	780.632
17	1.18431	2309.7	4.7138	Mass Wasting Colluvium	100	38	1081.72	1905.97	2311.54	0	2311.54	2400.73	2400.73
18	1.18431	2822.83	6.29061	Mass Wasting Colluvium	100	38	1268.53	2235.12	2732.83	0	2732.83	2872.67	2872.67
19	1.18431	2797.08	7.87223	Mass Wasting Colluvium	100	38	1221.66	2152.54	2627.13	0	2627.13	2796.05	2796.05
20	1.18431	2777.96	9.45991	Mass Wasting Colluvium	100	38	1179.74	2078.67	2532.59	0	2532.59	2729.16	2729.16
21	1.18431	2787.71	11.055	Mass Wasting Colluvium	100	38	1150.97	2027.99	2467.72	0	2467.72	2692.59	2692.59
22	1.18431	2794.34	12.6587	Mass Wasting Colluvium	100	38	1122.11	1977.14	2402.64	0	2402.64	2654.67	2654.67

23	1.18431	2796	14.2727	Mass Wasting Colluvium	100	38	1092.45	1924.87	2335.73	0	2335.73	2613.63	2613.63
24	1.18431	2792.6	15.8983	Mass Wasting Colluvium	100	38	1061.96	1871.15	2266.97	0	2266.97	2569.45	2569.45
25	1.18431	2784	17.5371	Mass Wasting Colluvium	100	38	1030.64	1815.97	2196.34	0	2196.34	2522.04	2522.04
26	1.18431	2775.42	19.191	Mass Wasting Colluvium	100	38	1000.28	1762.48	2127.88	0	2127.88	2476.04	2476.04
27	1.18431	3584.58	20.8616	Mass Wasting Colluvium	100	38	1240.1	2185.03	2668.71	0	2668.71	3141.31	3141.31
28	1.25254	5241.22	22.6003	Reinforced Fill	135	38	1664.96	2933.62	3582.07	0	3582.07	4275.13	4275.13
29	1.25254	5260.17	24.4106	Reinforced Fill	135	38	1868.74	3292.69	4041.65	0	4041.65	4889.77	4889.77
30	1.25254	5162.46	26.2473	Reinforced Fill	135	38	1547.51	2726.68	3317.2	0	3317.2	4080.26	4080.26
31	1.25254	5065.72	28.1136	Reinforced Fill	135	38	1475	2598.92	3153.67	0	3153.67	3941.7	3941.7
32	1.25254	4961.06	30.0129	Reinforced Fill	135	38	1402.5	2471.18	2990.17	0	2990.17	3800.33	3800.33
33	1.15334	4468.44	31.8712	Mass Wasting Colluvium	100	38	1313.62	2314.58	2834.54	0	2834.54	3651.28	3651.28
34	1.15334	4365.61	33.6895	Mass Wasting Colluvium	100	38	1246.78	2196.8	2683.78	0	2683.78	3514.95	3514.95
35	1.15334	4255.38	35.5472	Mass Wasting Colluvium	100	38	1179.66	2078.53	2532.39	0	2532.39	3375.3	3375.3
36	1.15334	4137.22	37.449	Mass Wasting Colluvium	100	38	1112.17	1959.62	2380.2	0	2380.2	3232.03	3232.03
37	1.15334	4010.53	39.4005	Mass Wasting Colluvium	100	38	1044.25	1839.94	2227.02	0	2227.02	3084.79	3084.79
38	1.15334	3874.59	41.4083	Mass Wasting Colluvium	100	38	975.8	1719.34	2072.67	0	2072.67	2933.2	2933.2
39	1.15334	3728.52	43.4804	Mass Wasting Colluvium	100	38	906.741	1597.66	1916.92	0	1916.92	2776.8	2776.8
40	1.15334	3571.26	45.6263	Mass Wasting Colluvium	100	38	836.979	1474.74	1759.58	0	1759.58	2615.06	2615.06
41	1.15334	3401.48	47.858	Mass Wasting Colluvium	100	38	766.405	1350.39	1600.42	0	1600.42	2447.37	2447.37
42	1.15334	3217.52	50.1906	Mass Wasting Colluvium	100	38	694.906	1224.41	1439.18	0	1439.18	2272.95	2272.95
43	1.15334	3017.21	52.6437	Mass Wasting Colluvium	100	38	622.35	1096.57	1275.55	0	1275.55	2090.84	2090.84
44	1.15334	2797.63	55.2438	Mass Wasting Colluvium	100	38	548.595	966.614	1109.22	0	1109.22	1899.83	1899.83
45	1.15334	2554.75	58.0276	Mass Wasting Colluvium	100	38	473.462	834.231	939.775	0	939.775	1698.28	1698.28
46	1.15334	2282.61	61.0497	Mass Wasting Colluvium	100	38	396.735	699.04	766.738	0	766.738	1483.93	1483.93
47	1.15334	1971.78	64.3972	Mass Wasting Colluvium	100	38	318.143	560.561	589.492	0	589.492	1253.42	1253.42

48	1.15334	1605.41	68.2263	Mass Wasting Colluvium	100	38	237.309	418.134	407.193	0	407.193	1001.3	1001.3
49	1.15334	1146.43	72.8841	Mass Wasting Colluvium	100	38	153.61	270.658	218.432	0	218.432	717.257	717.257
50	1.15334	443.626	79.8012	Mass Wasting Colluvium	100	38	57.4186	101.17	1.49816	0	1.49816	320.656	320.656

◆ Walls 9a and 9b - Seismic

Global Minimum Query (spencer) - Safety Factor: 1.34982

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	1.28534	33.0904	-18.4602	Mass Wasting Colluvium	100	38	753.245	1016.75	1173.38	0	1173.38	921.926	921.926
2	1.28534	96.2473	-16.8734	Mass Wasting Colluvium	100	38	795.229	1073.42	1245.92	0	1245.92	1004.71	1004.71
3	1.28534	153.431	-15.2999	Mass Wasting Colluvium	100	38	788.167	1063.88	1233.72	0	1233.72	1018.1	1018.1
4	1.28534	204.783	-13.7381	Mass Wasting Colluvium	100	38	759.75	1025.53	1184.62	0	1184.62	998.879	998.879
5	1.28534	250.424	-12.1866	Mass Wasting Colluvium	100	38	723.13	976.095	1121.35	0	1121.35	965.18	965.18
6	1.28534	290.461	-10.6442	Mass Wasting Colluvium	100	38	684.371	923.777	1054.39	0	1054.39	925.764	925.764
7	1.28534	324.985	-9.10951	Mass Wasting Colluvium	100	38	646.096	872.113	988.258	0	988.258	884.66	884.66
8	1.28534	354.073	-7.58142	Mass Wasting Colluvium	100	38	609.281	822.42	924.652	0	924.652	843.557	843.557
9	1.28534	377.788	-6.05873	Mass Wasting Colluvium	100	38	574.142	774.989	863.947	0	863.947	803.007	803.007
10	1.28534	396.181	-4.54033	Mass Wasting Colluvium	100	38	540.568	729.67	805.943	0	805.943	763.017	763.017
11	1.28534	409.291	-3.02513	Mass Wasting Colluvium	100	38	508.33	686.154	750.243	0	750.243	723.379	723.379
12	1.28534	417.146	-1.51204	Mass Wasting Colluvium	100	38	477.18	644.107	696.425	0	696.425	683.83	683.83
13	1.28534	419.762	0	Mass Wasting Colluvium	100	38	446.889	603.22	644.093	0	644.093	644.093	644.093
14	1.28534	417.146	1.51204	Mass Wasting Colluvium	100	38	417.265	563.233	592.911	0	592.911	603.925	603.925
15	1.28534	418.687	3.02513	Mass Wasting Colluvium	100	38	394.022	531.859	552.754	0	552.754	573.577	573.577
16	1.28534	1615.16	4.54033	Mass Wasting Colluvium	100	38	1074.67	1450.61	1728.7	0	1728.7	1814.04	1814.04
17	1.28534	2985.5	6.05873	Mass Wasting Colluvium	100	38	1772.53	2392.6	2934.39	0	2934.39	3122.53	3122.53
18	1.28534	2983.04	7.58142	Mass Wasting Colluvium	100	38	1675.96	2262.25	2767.55	0	2767.55	2990.62	2990.62
19	1.28534	2953.69	9.10951	Mass Wasting Colluvium	100	38	1575.37	2126.47	2593.76	0	2593.76	2846.36	2846.36
20	1.28534	2962.85	10.6442	Mass Wasting Colluvium	100	38	1502.04	2027.49	2467.07	0	2467.07	2749.37	2749.37
21	1.28534	2972.25	12.1866	Mass Wasting Colluvium	100	38	1434.91	1936.87	2351.09	0	2351.09	2660.98	2660.98
22	1.28534	2976.05	13.7381	Mass Wasting Colluvium	100	38	1370.58	1850.04	2239.96	0	2239.96	2575.03	2575.03

23	1.28534	2974.14	15.2999	Mass Wasting Colluvium	100	38	1308.63	1766.41	2132.91	0	2132.91	2490.9	2490.9
24	1.28534	2966.39	16.8734	Mass Wasting Colluvium	100	38	1248.68	1685.49	2029.33	0	2029.33	2408.08	2408.08
25	1.28534	3052.93	18.4602	Mass Wasting Colluvium	100	38	1227.58	1657.01	1992.89	0	1992.89	2402.68	2402.68
26	1.16933	4127.38	19.9889	Reinforced Fill	135	38	1738.48	2346.64	2830.77	0	2830.77	3463.14	3463.14
27	1.16933	4932.57	21.4595	Reinforced Fill	135	38	1974.94	2665.81	3239.29	0	3239.29	4015.62	4015.62
28	1.16933	4862.97	22.9451	Reinforced Fill	135	38	2958.71	3993.72	4938.94	0	4938.94	6191.49	6191.49
29	1.16933	4784.79	24.4473	Reinforced Fill	135	38	1778.64	2400.85	2900.15	0	2900.15	3708.75	3708.75
30	1.16933	4707.54	25.9676	Reinforced Fill	135	38	1686.92	2277.04	2741.69	0	2741.69	3563.27	3563.27
31	1.16933	4624.86	27.5078	Reinforced Fill	135	38	1598.01	2157.03	2588.08	0	2588.08	3420.23	3420.23
32	1.29175	5006	29.1529	Mass Wasting Colluvium	100	38	1477.8	1994.76	2425.18	0	2425.18	3249.5	3249.5
33	1.29175	4890.21	30.9082	Mass Wasting Colluvium	100	38	1385.67	1870.4	2266.01	0	2266.01	3095.58	3095.58
34	1.29175	4766.01	32.6963	Mass Wasting Colluvium	100	38	1296	1749.36	2111.09	0	2111.09	2942.99	2942.99
35	1.29175	4632.88	34.521	Mass Wasting Colluvium	100	38	1208.55	1631.33	1960.02	0	1960.02	2791.29	2791.29
36	1.29175	4490.24	36.3867	Mass Wasting Colluvium	100	38	1123.12	1516.01	1812.41	0	1812.41	2640.05	2640.05
37	1.29175	4337.4	38.2983	Mass Wasting Colluvium	100	38	1039.51	1403.15	1667.96	0	1667.96	2488.86	2488.86
38	1.29175	4173.55	40.2618	Mass Wasting Colluvium	100	38	957.55	1292.52	1526.36	0	1526.36	2337.32	2337.32
39	1.29175	3997.71	42.2842	Mass Wasting Colluvium	100	38	877.102	1183.93	1387.37	0	1387.37	2185.03	2185.03
40	1.29175	3808.71	44.3738	Mass Wasting Colluvium	100	38	798.035	1077.2	1250.76	0	1250.76	2031.54	2031.54
41	1.29175	3605.1	46.5411	Mass Wasting Colluvium	100	38	720.24	972.195	1116.36	0	1116.36	1876.43	1876.43
42	1.29175	3385.09	48.7989	Mass Wasting Colluvium	100	38	643.627	868.781	983.995	0	983.995	1719.17	1719.17
43	1.29175	3146.37	51.1636	Mass Wasting Colluvium	100	38	568.124	766.865	853.548	0	853.548	1559.23	1559.23
44	1.29175	2885.94	53.657	Mass Wasting Colluvium	100	38	493.682	666.382	724.937	0	724.937	1395.95	1395.95
45	1.29175	2599.69	56.3084	Mass Wasting Colluvium	100	38	420.281	567.304	598.12	0	598.12	1228.51	1228.51
46	1.29175	2281.84	59.1599	Mass Wasting Colluvium	100	38	347.935	469.65	473.132	0	473.132	1055.87	1055.87
47	1.29175	1923.67	62.275	Mass Wasting Colluvium	100	38	276.712	373.512	350.08	0	350.08	876.58	876.58

48	1.29175	1510.84	65.7585	Mass Wasting Colluvium	100	38	206.793	279.133	229.28	0	229.28	688.523	688.523
49	1.29175	1016.23	69.8105	Mass Wasting Colluvium	100	38	138.831	187.396	111.862	0	111.862	489.406	489.406
50	1.29175	371.985	74.9362	Mass Wasting Colluvium	100	38	83.3056	112.448	15.9321	0	15.9321	325.453	325.453

Walls 9a and 10 - Static

Global Minimum Query (spencer) - Safety Factor: 1.78993

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	0.953403	14.7825	-15.1654	Mass Wasting Colluvium	100	38	107.442	192.313	118.156	0	118.156	89.0344	89.0344
2	0.953403	42.8513	-13.6913	Mass Wasting Colluvium	100	38	127.712	228.596	164.595	0	164.595	133.483	133.483
3	0.953403	67.9557	-12.2265	Mass Wasting Colluvium	100	38	143.753	257.308	201.345	0	201.345	170.195	170.195
4	0.953403	90.1476	-10.7697	Mass Wasting Colluvium	100	38	156.188	279.566	229.834	0	229.834	200.125	200.125
5	0.953403	109.472	-9.31988	Mass Wasting Colluvium	100	38	165.513	296.257	251.198	0	251.198	224.036	224.036
6	0.953403	125.967	-7.8761	Mass Wasting Colluvium	100	38	172.129	308.098	266.354	0	266.354	242.542	242.542
7	0.953403	139.665	-6.43734	Mass Wasting Colluvium	100	38	176.361	315.673	276.049	0	276.049	256.151	256.151
8	0.953403	150.593	-5.00264	Mass Wasting Colluvium	100	38	178.478	319.463	280.9	0	280.9	265.277	265.277
9	0.953403	158.771	-3.57109	Mass Wasting Colluvium	100	38	178.706	319.871	281.421	0	281.421	270.269	270.269
10	0.953403	164.214	-2.14176	Mass Wasting Colluvium	100	38	177.232	317.232	278.045	0	278.045	271.417	271.417
11	0.953403	171.656	-0.713774	Mass Wasting Colluvium	100	38	177.072	316.947	277.679	0	277.679	275.473	275.473
12	0.953403	667.497	0.713774	Mass Wasting Colluvium	100	38	463.115	828.943	933.005	0	933.005	938.775	938.775
13	0.953403	1531.72	2.14176	Mass Wasting Colluvium	100	38	941.461	1685.15	2028.9	0	2028.9	2064.11	2064.11
14	0.953403	1567.42	3.57109	Mass Wasting Colluvium	100	38	934.651	1672.96	2013.3	0	2013.3	2071.63	2071.63
15	0.953403	1558.17	5.00264	Mass Wasting Colluvium	100	38	904.002	1618.1	1943.08	0	1943.08	2022.21	2022.21
16	0.953403	1541.17	6.43734	Mass Wasting Colluvium	100	38	870.85	1558.76	1867.13	0	1867.13	1965.38	1965.38
17	0.953403	1527.47	7.8761	Mass Wasting Colluvium	100	38	840.983	1505.3	1798.69	0	1798.69	1915.03	1915.03
18	0.953403	1510.97	9.31988	Mass Wasting Colluvium	100	38	811.099	1451.81	1730.24	0	1730.24	1863.35	1863.35
19	0.953403	1491.65	10.7697	Mass Wasting Colluvium	100	38	781.176	1398.25	1661.68	0	1661.68	1810.27	1810.27
20	0.953403	1469.46	12.2265	Mass Wasting Colluvium	100	38	751.18	1344.56	1592.97	0	1592.97	1755.74	1755.74
21	0.953403	1444.35	13.6913	Mass Wasting Colluvium	100	38	721.09	1290.7	1524.03	0	1524.03	1699.7	1699.7
22	0.953403	1416.29	15.1654	Mass Wasting Colluvium	100	38	690.887	1236.64	1454.83	0	1454.83	1642.1	1642.1

23	0.988658	1435.76	16.6775	Reinforced Fill	135	38	681.384	1219.63	1388.26	0	1388.26	1592.39	1592.39
24	0.988658	1398.87	18.2293	Reinforced Fill	135	38	649.489	1162.54	1315.18	0	1315.18	1529.09	1529.09
25	0.988658	1358.45	19.7951	Reinforced Fill	135	38	617.429	1105.15	1241.75	0	1241.75	1463.97	1463.97
26	0.988658	1314.38	21.3765	Reinforced Fill	135	38	762.913	1365.56	1575.04	0	1575.04	1873.67	1873.67
27	0.988658	1266.81	22.9752	Reinforced Fill	135	38	552.883	989.621	1093.87	0	1093.87	1328.27	1328.27
28	0.988658	1252.77	24.593	Reinforced Fill	135	38	534.009	955.838	1050.62	0	1050.62	1295.03	1295.03
29	0.988658	2092.94	26.2321	Reinforced Fill	135	38	818.529	1465.11	1702.46	0	1702.46	2105.8	2105.8
30	0.988658	3026.6	27.8946	Reinforced Fill	135	38	1119	2002.94	2390.85	0	2390.85	2983.2	2983.2
31	0.996084	3051.95	29.5895	Mass Wasting Colluvium	100	38	1070.17	1915.53	2323.76	0	2323.76	2931.44	2931.44
32	0.996084	2977.05	31.3199	Mass Wasting Colluvium	100	38	1015.9	1818.39	2199.44	0	2199.44	2817.6	2817.6
33	0.996084	2899.44	33.0827	Mass Wasting Colluvium	100	38	962.334	1722.51	2076.72	0	2076.72	2703.65	2703.65
34	0.996084	2819.16	34.8817	Mass Wasting Colluvium	100	38	909.455	1627.86	1955.57	0	1955.57	2589.58	2589.58
35	0.996084	2733.25	36.721	Mass Wasting Colluvium	100	38	856.363	1532.83	1833.94	0	1833.94	2472.74	2472.74
36	0.996084	2641.31	38.6055	Mass Wasting Colluvium	100	38	803.02	1437.35	1711.73	0	1711.73	2352.9	2352.9
37	0.996084	2542.86	40.5409	Mass Wasting Colluvium	100	38	749.376	1341.33	1588.83	0	1588.83	2229.79	2229.79
38	0.996084	2437.33	42.5341	Mass Wasting Colluvium	100	38	695.379	1244.68	1465.13	0	1465.13	2103.09	2103.09
39	0.996084	2324.02	44.5933	Mass Wasting Colluvium	100	38	640.992	1147.33	1340.52	0	1340.52	1972.47	1972.47
40	0.996084	2202.1	46.7283	Mass Wasting Colluvium	100	38	586.152	1049.17	1214.88	0	1214.88	1837.51	1837.51
41	0.996084	2070.49	48.9517	Mass Wasting Colluvium	100	38	530.823	950.136	1088.12	0	1088.12	1697.73	1697.73
42	0.441551	873.272	50.6081	Reinforced Fill	135	38	507.489	908.37	989.868	0	989.868	1607.87	1607.87
43	0.958767	1793.89	52.3027	Mass Wasting Colluvium	100	38	451.106	807.448	905.491	0	905.491	1489.21	1489.21
44	0.958767	1644.57	54.7193	Mass Wasting Colluvium	100	38	396.546	709.79	780.493	0	780.493	1340.95	1340.95
45	0.958767	1480.74	57.2903	Mass Wasting Colluvium	100	38	341.414	611.107	654.186	0	654.186	1185.79	1185.79
46	0.958767	1299.11	60.0566	Mass Wasting Colluvium	100	38	285.704	511.391	526.556	0	526.556	1022.54	1022.54
47	0.958767	1094.74	63.0801	Mass Wasting Colluvium	100	38	229.451	410.701	397.679	0	397.679	849.561	849.561

48	0.958767	859.498	66.4631	Mass Wasting Colluvium	100	38	172.754	309.218	267.787	0	267.787	664.395	664.395
49	0.958767	577.978	70.4008	Mass Wasting Colluvium	100	38	115.81	207.292	137.328	0	137.328	462.574	462.574
50	0.958767	211.541	75.3868	Mass Wasting Colluvium	100	38	64.1174	114.766	18.8991	0	18.8991	264.818	264.818

Walls 9a and 10 - Seismic

Global Minimum Query (spencer) - Safety Factor: 1.33587

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	0.992334	13.1263	-12.5257	Mass Wasting Colluvium	100	38	346.858	463.357	465.076	0	465.076	388.016	388.016
2	0.992334	37.7108	-10.9752	Mass Wasting Colluvium	100	38	362.849	484.719	492.418	0	492.418	422.05	422.05
3	0.992334	58.9849	-9.43277	Mass Wasting Colluvium	100	38	366.478	489.567	498.623	0	498.623	437.738	437.738
4	0.992334	76.9965	-7.89724	Mass Wasting Colluvium	100	38	361.874	483.416	490.75	0	490.75	440.554	440.554
5	0.992334	91.7854	-6.3674	Mass Wasting Colluvium	100	38	351.799	469.958	473.524	0	473.524	434.266	434.266
6	0.992334	103.384	-4.8421	Mass Wasting Colluvium	100	38	338.109	451.67	450.117	0	450.117	421.475	421.475
7	0.992334	111.817	-3.32024	Mass Wasting Colluvium	100	38	322.052	430.22	422.663	0	422.663	403.979	403.979
8	0.846261	116.804	-1.91246	Gravel	0	40	182.315	243.549	290.251	0	290.251	284.163	284.163
9	0.846261	741.545	-0.61764	Gravel	0	40	1068.32	1427.14	1700.81	0	1700.81	1689.29	1689.29
10	0.846261	1339.07	0.676865	Gravel	0	40	1788.1	2388.67	2846.71	0	2846.71	2867.84	2867.84
11	0.846261	1346.51	1.97172	Gravel	0	40	1673.01	2234.93	2663.49	0	2663.49	2721.08	2721.08
12	0.846261	1341.96	3.26758	Gravel	0	40	1556.96	2079.9	2478.72	0	2478.72	2567.61	2567.61
13	0.865909	1364.64	4.5802	Mass Wasting Colluvium	100	38	1403.74	1875.21	2272.16	0	2272.16	2384.62	2384.62
14	0.865909	1356.38	5.91034	Mass Wasting Colluvium	100	38	1319.07	1762.11	2127.41	0	2127.41	2263.97	2263.97
15	0.865909	1346.01	7.24368	Mass Wasting Colluvium	100	38	1240.91	1657.7	1993.77	0	1993.77	2151.49	2151.49
16	0.865909	1333.5	8.58099	Mass Wasting Colluvium	100	38	1168.38	1560.8	1869.74	0	1869.74	2046.04	2046.04
17	0.865909	1318.84	9.92302	Mass Wasting Colluvium	100	38	1100.73	1470.43	1754.08	0	1754.08	1946.64	1946.64
18	0.865909	1302	11.2706	Mass Wasting Colluvium	100	38	1037.35	1385.77	1645.71	0	1645.71	1852.44	1852.44
19	0.865909	1282.96	12.6245	Mass Wasting Colluvium	100	38	977.707	1306.09	1543.72	0	1543.72	1762.7	1762.7
20	0.968272	1409.27	14.0666	Reinforced Fill	135	38	956.672	1277.99	1462.96	0	1462.96	1702.66	1702.66
21	0.968272	1379.47	15.5988	Reinforced Fill	135	38	896.098	1197.07	1359.39	0	1359.39	1609.56	1609.56
22	0.968272	1346.41	17.1426	Reinforced Fill	135	38	838.728	1120.43	1261.3	0	1261.3	1520.01	1520.01
23	0.968272	1310.02	18.6994	Reinforced Fill	135	38	784.159	1047.53	1167.99	0	1167.99	1433.41	1433.41
24	0.968272	1270.2	20.2706	Reinforced Fill	135	38	1543.25	2061.58	2465.91	0	2465.91	3035.87	3035.87
25	0.968272	1227.37	21.8579	Reinforced Fill	135	38	682.358	911.542	993.929	0	993.929	1267.65	1267.65

26	0.968272	1230.55	23.4631	Reinforced Fill	135	38	655.91	876.21	948.701	0	948.701	1233.4	1233.4
27	0.968272	2082.74	25.0881	Reinforced Fill	135	38	979.422	1308.38	1501.86	0	1501.86	1960.41	1960.41
28	0.968272	2969.06	26.7349	Reinforced Fill	135	38	1286.74	1718.92	2027.32	0	2027.32	2675.47	2675.47
29	0.937964	2877.2	28.3794	Mass Wasting Colluvium	100	38	1203.16	1607.26	1929.21	0	1929.21	2579.19	2579.19
30	0.937964	2814.18	30.0233	Mass Wasting Colluvium	100	38	1130.21	1509.81	1804.48	0	1804.48	2457.62	2457.62
31	0.937964	2748.04	31.6949	Mass Wasting Colluvium	100	38	1060.01	1416.04	1684.46	0	1684.46	2339	2339
32	0.937964	2680.64	33.3972	Mass Wasting Colluvium	100	38	992.993	1326.51	1569.86	0	1569.86	2224.55	2224.55
33	0.937964	2608.69	35.1337	Mass Wasting Colluvium	100	38	927.845	1239.48	1458.46	0	1458.46	2111.38	2111.38
34	0.937964	2531.9	36.908	Mass Wasting Colluvium	100	38	864.381	1154.7	1349.95	0	1349.95	1999.14	1999.14
35	0.937964	2449.93	38.7246	Mass Wasting Colluvium	100	38	802.469	1071.99	1244.1	0	1244.1	1887.56	1887.56
36	0.937964	2362.38	40.5888	Mass Wasting Colluvium	100	38	741.967	991.171	1140.65	0	1140.65	1776.34	1776.34
37	0.937964	2268.77	42.5065	Mass Wasting Colluvium	100	38	682.755	912.072	1039.41	0	1039.41	1665.18	1665.18
38	0.937964	2168.55	44.4851	Mass Wasting Colluvium	100	38	624.721	834.546	940.178	0	940.178	1553.77	1553.77
39	0.937964	2061.01	46.5334	Mass Wasting Colluvium	100	38	567.757	758.45	842.778	0	842.778	1441.77	1441.77
40	0.937964	1945.31	48.6623	Mass Wasting Colluvium	100	38	511.761	683.646	747.03	0	747.03	1328.78	1328.78
41	0.105362	210.987	49.8734	Reinforced Fill	135	38	505.871	675.778	692.166	0	692.166	1292.34	1292.34
42	0.89059	1717.79	51.0827	Mass Wasting Colluvium	100	38	451.905	603.686	644.688	0	644.688	1204.4	1204.4
43	0.89059	1594.98	53.307	Mass Wasting Colluvium	100	38	400.311	534.764	556.473	0	556.473	1093.67	1093.67
44	0.89059	1461.48	55.6542	Mass Wasting Colluvium	100	38	349.295	466.613	469.243	0	469.243	980.412	980.412
45	0.89059	1315.22	58.1524	Mass Wasting Colluvium	100	38	298.774	399.123	382.86	0	382.86	863.84	863.84
46	0.89059	1153.32	60.8414	Mass Wasting Colluvium	100	38	248.722	332.26	297.278	0	297.278	743.069	743.069
47	0.89059	971.388	63.7812	Mass Wasting Colluvium	100	38	199.3	266.239	212.776	0	212.776	617.472	617.472
48	0.89059	762.251	67.0716	Mass Wasting Colluvium	100	38	151.292	202.107	130.691	0	130.691	488.356	488.356
49	0.89059	512.3	70.9024	Mass Wasting Colluvium	100	38	107.744	143.932	56.2309	0	56.2309	367.419	367.419
50	0.89059	187.426	75.7532	Mass Wasting Colluvium	100	38	101.427	135.493	45.4288	0	45.4288	444.891	444.891

Wall 11 - Static

Global Minimum Query (spencer) - Safety Factor: 2.37055

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	0.780974	386.676	22.7886	Verti-Block	3000	0	1265.53	3000	503.759	0	503.759	1035.44	1035.44
2	0.780974	1159.69	23.2369	Verti-Block	3000	0	1265.53	3000	1407.55	0	1407.55	1950.92	1950.92
3	0.780974	1902.51	23.6867	Verti-Block	3000	0	1265.53	3000	2065.3	0	2065.3	2620.48	2620.48
4	0.780974	2083.74	24.1381	Verti-Block	3000	0	1265.53	3000	2236.24	0	2236.24	2803.35	2803.35
5	0.686984	1805.6	24.5637	Reinforced Fill	135	38	768.488	1821.74	2158.93	0	2158.93	2510.18	2510.18
6	0.686984	1779.47	24.9634	Reinforced Fill	135	38	753.88	1787.11	2114.61	0	2114.61	2465.56	2465.56
7	0.686984	1752.86	25.3644	Reinforced Fill	135	38	739.225	1752.37	2070.14	0	2070.14	2420.59	2420.59
8	0.686984	1725.77	25.7667	Reinforced Fill	135	38	848.01	2010.25	2400.22	0	2400.22	2809.55	2809.55
9	0.686984	1698.19	26.1705	Reinforced Fill	135	38	709.755	1682.51	1980.72	0	1980.72	2329.51	2329.51
10	0.686984	1670.11	26.5756	Reinforced Fill	135	38	694.948	1647.41	1935.8	0	1935.8	2283.43	2283.43
11	0.686984	1641.53	26.9821	Reinforced Fill	135	38	680.091	1612.19	1890.72	0	1890.72	2236.97	2236.97
12	0.686984	1612.44	27.3902	Reinforced Fill	135	38	665.187	1576.86	1845.49	0	1845.49	2190.15	2190.15
13	0.686984	1582.83	27.7997	Reinforced Fill	135	38	650.237	1541.42	1800.14	0	1800.14	2142.96	2142.96
14	0.686984	1552.71	28.2108	Reinforced Fill	135	38	744.279	1764.35	2085.47	0	2085.47	2484.73	2484.73
15	0.686984	1522.07	28.6235	Reinforced Fill	135	38	620.189	1470.19	1708.96	0	1708.96	2047.43	2047.43
16	0.686984	1490.9	29.0378	Reinforced Fill	135	38	605.096	1434.41	1663.17	0	1663.17	1999.1	1999.1
17	0.686984	1459.18	29.4537	Reinforced Fill	135	38	589.956	1398.52	1617.23	0	1617.23	1950.38	1950.38
18	0.686984	1426.93	29.8714	Reinforced Fill	135	38	574.77	1362.52	1571.15	0	1571.15	1901.27	1901.27
19	0.686984	1394.13	30.2909	Reinforced Fill	135	38	656.708	1556.76	1819.76	0	1819.76	2203.37	2203.37
20	0.686984	1360.76	30.7121	Reinforced Fill	135	38	544.262	1290.2	1478.58	0	1478.58	1801.9	1801.9
21	0.686984	1326.84	31.1352	Reinforced Fill	135	38	528.941	1253.88	1432.1	0	1432.1	1751.62	1751.62
22	0.686984	1292.34	31.5602	Reinforced Fill	135	38	513.573	1217.45	1385.48	0	1385.48	1700.94	1700.94
23	0.686984	1257.26	31.9871	Reinforced Fill	135	38	498.163	1180.92	1338.72	0	1338.72	1649.85	1649.85

24	0.686984	1221.59	32.4161	Reinforced Fill	135	38	568.13	1346.78	1551.01	0	1551.01	1911.78	1911.78
25	0.686984	1185.33	32.8471	Reinforced Fill	135	38	467.214	1107.55	1244.82	0	1244.82	1546.46	1546.46
26	0.686984	1148.46	33.2801	Reinforced Fill	135	38	451.674	1070.72	1197.66	0	1197.66	1494.13	1494.13
27	0.686984	1110.98	33.7154	Reinforced Fill	135	38	436.092	1033.78	1150.38	0	1150.38	1441.39	1441.39
28	0.686984	1072.87	34.1529	Reinforced Fill	135	38	496.556	1177.11	1333.84	0	1333.84	1670.71	1670.71
29	0.686984	1034.13	34.5926	Reinforced Fill	135	38	404.801	959.602	1055.44	0	1055.44	1334.62	1334.62
30	0.686984	994.749	35.0347	Reinforced Fill	135	38	389.094	922.366	1007.78	0	1007.78	1280.58	1280.58
31	0.686984	954.713	35.4792	Reinforced Fill	135	38	373.345	885.032	959.997	0	959.997	1226.1	1226.1
32	0.686984	914.013	35.9261	Reinforced Fill	135	38	424.354	1005.95	1114.77	0	1114.77	1422.25	1422.25
33	0.686984	872.637	36.3756	Reinforced Fill	135	38	341.725	810.076	864.058	0	864.058	1115.78	1115.78
34	0.686984	830.573	36.8277	Reinforced Fill	135	38	325.855	772.455	815.905	0	815.905	1059.92	1059.92
35	0.686984	787.81	37.2825	Reinforced Fill	135	38	309.945	734.739	767.63	0	767.63	1003.6	1003.6
36	0.686984	744.335	37.7401	Reinforced Fill	135	38	294.147	697.291	719.699	0	719.699	947.371	947.371
37	0.686984	700.134	38.2005	Reinforced Fill	135	38	278.006	659.026	670.722	0	670.722	889.495	889.495
38	0.686984	655.193	38.6638	Reinforced Fill	135	38	261.977	621.03	622.091	0	622.091	831.703	831.703
39	0.686984	609.499	39.1302	Reinforced Fill	135	38	245.91	582.943	573.34	0	573.34	773.402	773.402
40	0.686984	563.037	39.5997	Reinforced Fill	135	38	229.805	544.764	524.474	0	524.474	714.583	714.583
41	0.686984	515.79	40.0723	Reinforced Fill	135	38	213.661	506.494	475.49	0	475.49	655.233	655.233
42	0.686984	467.742	40.5483	Reinforced Fill	135	38	197.479	468.133	426.391	0	426.391	595.342	595.342
43	0.686984	418.876	41.0277	Reinforced Fill	135	38	181.259	429.683	377.176	0	377.176	534.896	534.896
44	0.686984	369.175	41.5106	Reinforced Fill	135	38	165.001	391.142	327.847	0	327.847	473.882	473.882
45	0.686984	318.619	41.9971	Reinforced Fill	135	38	148.705	352.512	278.403	0	278.403	412.284	412.284
46	0.746682	287.934	42.5089	Mass Wasting Colluvium	100	38	118.139	280.055	230.459	0	230.459	338.748	338.748
47	0.746682	226.026	43.0464	Mass Wasting Colluvium	100	38	100.391	237.981	176.607	0	176.607	270.375	270.375
48	0.746682	162.938	43.5886	Mass Wasting Colluvium	100	38	82.5986	195.804	122.623	0	122.623	201.25	201.25

49	0.746682	98.6371	44.1357	Mass Wasting Colluvium	100	38	64.7626	153.523	68.5062	0	68.5062	131.344	131.344
50	0.746682	33.0897	44.688	Mass Wasting Colluvium	100	38	44.4926	105.472	7.00384	0	7.00384	51.0145	51.0145

Wall 11 - Seismic

Global Minimum Query (spencer) - Safety Factor: 1.56041

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	0.776389	384.358	19.7519	Verti-Block	3000	0	1922.57	3000	1965.16	0	1965.16	2655.51	2655.51
2	0.776389	1152.77	20.1772	Verti-Block	3000	0	1922.57	3000	3321.44	0	3321.44	4027.94	4027.94
3	0.776389	1895.39	20.6037	Verti-Block	3000	0	1922.57	3000	2620.31	0	2620.31	3343.1	3343.1
4	0.776389	2090.37	21.0314	Verti-Block	3000	0	1922.57	3000	2687.66	0	2687.66	3426.88	3426.88
5	0.771973	2050.59	21.4591	Reinforced Fill	135	38	889.6	1388.14	1603.95	0	1603.95	1953.64	1953.64
6	0.771973	2022.17	21.8868	Reinforced Fill	135	38	861.171	1343.78	1547.17	0	1547.17	1893.13	1893.13
7	0.771973	1993.13	22.3158	Reinforced Fill	135	38	833.64	1300.82	1492.18	0	1492.18	1834.35	1834.35
8	0.771973	1963.47	22.7461	Reinforced Fill	135	38	806.961	1259.19	1438.89	0	1438.89	1777.21	1777.21
9	0.771973	1933.16	23.1778	Reinforced Fill	135	38	2592.68	4045.65	5005.41	0	5005.41	6115.45	6115.45
10	0.771973	1902.23	23.6109	Reinforced Fill	135	38	755.968	1179.62	1337.05	0	1337.05	1667.5	1667.5
11	0.771973	1870.64	24.0454	Reinforced Fill	135	38	731.577	1141.56	1288.34	0	1288.34	1614.75	1614.75
12	0.771973	1838.41	24.4814	Reinforced Fill	135	38	707.872	1104.57	1240.99	0	1240.99	1563.31	1563.31
13	0.771973	1805.51	24.919	Reinforced Fill	135	38	684.818	1068.6	1194.95	0	1194.95	1513.1	1513.1
14	0.771973	1771.96	25.358	Reinforced Fill	135	38	2268.06	3539.11	4357.06	0	4357.06	5431.98	5431.98
15	0.771973	1737.73	25.7987	Reinforced Fill	135	38	640.539	999.503	1106.51	0	1106.51	1416.14	1416.14
16	0.771973	1702.81	26.241	Reinforced Fill	135	38	619.257	966.295	1064.01	0	1064.01	1369.27	1369.27
17	0.771973	1667.22	26.685	Reinforced Fill	135	38	598.513	933.926	1022.58	0	1022.58	1323.4	1323.4
18	0.771973	1630.92	27.1308	Reinforced Fill	135	38	578.283	902.358	982.174	0	982.174	1278.49	1278.49
19	0.771973	1593.93	27.5783	Reinforced Fill	135	38	558.543	871.556	942.749	0	942.749	1234.48	1234.48
20	0.771973	1556.22	28.0277	Reinforced Fill	135	38	1936.54	3021.8	3694.93	0	3694.93	4725.81	4725.81
21	0.771973	1517.78	28.4789	Reinforced Fill	135	38	520.454	812.122	866.677	0	866.677	1149.01	1149.01
22	0.771973	1478.62	28.9321	Reinforced Fill	135	38	502.067	783.431	829.954	0	829.954	1107.48	1107.48
23	0.771973	1438.72	29.3873	Reinforced Fill	135	38	484.096	755.388	794.06	0	794.06	1066.69	1066.69

24	0.771973	1398.07	29.8445	Reinforced Fill	135	38	1743.22	2720.14	3308.83	0	3308.83	4308.98	4308.98
25	0.771973	1356.65	30.3038	Reinforced Fill	135	38	449.334	701.145	724.632	0	724.632	987.241	987.241
26	0.771973	1314.47	30.7653	Reinforced Fill	135	38	432.515	674.9	691.04	0	691.04	948.515	948.515
27	0.771973	1271.51	31.229	Reinforced Fill	135	38	416.052	649.211	658.16	0	658.16	910.418	910.418
28	0.771973	1227.75	31.695	Reinforced Fill	135	38	399.933	624.059	625.966	0	625.966	872.921	872.921
29	0.771973	1183.18	32.1633	Reinforced Fill	135	38	1526.69	2382.27	2876.38	0	2876.38	3836.42	3836.42
30	0.771973	1137.8	32.6341	Reinforced Fill	135	38	368.681	575.294	563.551	0	563.551	799.641	799.641
31	0.771973	1091.59	33.1073	Reinforced Fill	135	38	353.528	551.648	533.285	0	533.285	763.811	763.811
32	0.771973	1044.53	33.5832	Reinforced Fill	135	38	338.676	528.474	503.624	0	503.624	728.497	728.497
33	0.771973	996.614	34.0616	Reinforced Fill	135	38	324.118	505.757	474.548	0	474.548	693.676	693.676
34	0.771973	947.826	34.5428	Reinforced Fill	135	38	309.845	483.486	446.041	0	446.041	659.333	659.333
35	0.771973	898.15	35.0268	Reinforced Fill	135	38	295.85	461.647	418.09	0	418.09	625.452	625.452
36	0.771973	847.57	35.5136	Reinforced Fill	135	38	282.126	440.232	390.678	0	390.678	592.018	592.018
37	0.933327	955.824	36.055	Mass Wasting Colluvium	100	38	236.289	368.707	343.929	0	343.929	515.95	515.95
38	0.933327	878.884	36.6517	Mass Wasting Colluvium	100	38	220.667	344.331	312.729	0	312.729	476.92	476.92
39	0.676216	587.792	37.1697	Reinforced Fill	135	38	237.971	371.333	302.493	0	302.493	482.925	482.925
40	0.676216	545.855	37.6079	Reinforced Fill	135	38	226.908	354.07	280.397	0	280.397	455.19	455.19
41	0.759873	562.494	38.0762	Mass Wasting Colluvium	100	38	185.282	289.116	242.058	0	242.058	387.213	387.213
42	0.759873	507.721	38.5749	Mass Wasting Colluvium	100	38	173.493	270.72	218.512	0	218.512	356.885	356.885
43	0.759873	451.958	39.0771	Mass Wasting Colluvium	100	38	161.92	252.662	195.398	0	195.398	326.88	326.88
44	0.759873	395.183	39.5829	Mass Wasting Colluvium	100	38	150.555	234.928	172.7	0	172.7	297.175	297.175
45	0.759873	337.375	40.0925	Mass Wasting Colluvium	100	38	139.386	217.5	150.393	0	150.393	267.736	267.736
46	0.759873	278.509	40.6059	Mass Wasting Colluvium	100	38	128.397	200.352	128.444	0	128.444	238.516	238.516
47	0.759873	218.562	41.1232	Mass Wasting Colluvium	100	38	117.565	183.449	106.81	0	106.81	209.452	209.452
48	0.759873	157.508	41.6447	Mass Wasting Colluvium	100	38	106.858	166.743	85.4265	0	85.4265	180.449	180.449

49	0.759873	95.3202	42.1704	Mass Wasting Colluvium	100	38	96.2339	150.164	64.2075	0	64.2075	151.377	151.377
50	0.759873	31.9696	42.7006	Mass Wasting Colluvium	100	38	53.0615	82.7977	-22.0179	0	-22.0179	26.9469	26.9469

Interslice Data

◆ Walls 1 and 2 - Static

Global Minimum Query (spencer) - Safety Factor: 1.53562

Slice Number	X coordinate [ft]	Y coordinate - Bottom [ft]	Interslice Normal Force [lbs]	Interslice Shear Force [lbs]	Interslice Force Angle [deg]
1	5.84732	8.22048	0	0	0
2	6.61889	8.44061	1258.8	907.981	35.8032
3	7.39045	8.67187	2324.28	1676.51	35.803
4	8.16201	8.91438	3241.49	2338.1	35.8031
5	8.93357	9.1683	5493.06	3962.17	35.8031
6	9.75331	9.45074	5841.9	4213.79	35.8031
7	10.573	9.74642	6154.81	4439.5	35.8031
8	11.3928	10.0555	6433.34	4640.4	35.8031
9	12.2125	10.3783	6679.04	4817.62	35.8031
10	13.0323	10.715	6893.45	4972.28	35.8031
11	13.852	11.0659	7078.13	5105.49	35.8031
12	14.6717	11.4312	8851.98	6384.98	35.8031
13	15.4915	11.8111	8981.83	6478.64	35.8031
14	16.3112	12.2062	9086.6	6554.21	35.8031
15	17.1309	12.6166	9167.88	6612.84	35.8031
16	17.9507	13.0426	9227.26	6655.67	35.8031
17	18.7704	13.4848	10809.5	7796.97	35.8032
18	19.5901	13.9435	10830	7811.72	35.8031
19	20.4099	14.4191	10833.2	7814.05	35.8031
20	21.2296	14.9121	10801.5	7791.21	35.8032
21	22.0494	15.423	12172.8	8780.3	35.8031
22	22.8691	15.9524	11959.1	8626.16	35.8031
23	23.6888	16.5007	11705.1	8442.97	35.8032
24	24.5086	17.0688	11417.2	8235.32	35.8032
25	25.3283	17.6572	11221.2	8093.95	35.8032
26	26.148	18.2666	10870.2	7840.7	35.803
27	26.9678	18.898	10487.9	7564.95	35.803
28	27.7875	19.5522	10076	7267.9	35.8032
29	28.6212	20.2419	9609.35	6931.28	35.8031
30	29.4549	20.9573	9115.81	6575.28	35.8031
31	30.2887	21.6996	8600.41	6203.52	35.8031
32	31.1224	22.4701	8067.25	5818.95	35.8031
33	31.9561	23.2705	7519.11	5423.58	35.8031
34	32.7898	24.1023	6958.93	5019.52	35.8031
35	33.6235	24.9675	6389.79	4608.99	35.8031
36	34.4573	25.8682	5814.94	4194.35	35.8031
37	35.291	26.8068	5237.85	3778.09	35.8031
38	36.1247	27.786	4662.24	3362.9	35.8031
39	36.9584	28.8091	4092.1	2951.66	35.8032
40	37.7921	29.8796	3531.78	2547.49	35.8031
41	38.6259	31.002	2986	2153.82	35.8031
42	39.4596	32.1812	2459.99	1774.4	35.8031
43	40.2933	33.4234	1959.55	1413.44	35.8032
44	41.127	34.7358	1491.2	1075.61	35.8031
45	41.9607	36.1277	1062.32	766.257	35.8031
46	42.7945	37.6105	681.383	491.485	35.8031
47	43.6282	39.199	358.213	258.381	35.8031
48	44.4619	40.9128	104.316	75.244	35.8032
49	45.2956	42.7791	-66.7487	-48.1462	35.8031
50	46.1293	44.8372	-139.104	-100.336	35.803
51	46.9631	47.148	0	0	0

Walls 1 and 2 - Seismic

Global Minimum Query (spencer) - Safety Factor: 1.0838

Slice Number	X coordinate [ft]	Y coordinate - Bottom [ft]	Interslice Normal Force [lbs]	Interslice Shear Force [lbs]	Interslice Force Angle [deg]
1	5.841	8.151	0	0	0
2	6.61452	8.39504	1545.68	1991.85	52.1885
3	7.38804	8.64846	2785.18	3589.15	52.1885
4	8.16156	8.91167	3803.32	4901.19	52.1886
5	8.93507	9.18478	6478.24	8348.24	52.1885
6	9.83195	9.51401	6806.24	8770.93	52.1885
7	10.7288	9.8569	7081.44	9125.56	52.1885
8	11.6257	10.2137	7308.16	9417.73	52.1885
9	12.5226	10.5846	7490.54	9652.75	52.1885
10	13.4195	10.9698	7632.44	9835.62	52.1885
11	14.3163	11.3697	10655.3	13731.1	52.1886
12	15.2132	11.7844	10727.1	13823.6	52.1886
13	16.1101	12.2142	10769	13877.6	52.1886
14	17.007	12.6596	10784.1	13897.1	52.1887
15	17.9038	13.1207	10775.6	13886	52.1884
16	18.8007	13.598	13345	17197.1	52.1884
17	19.6976	14.0918	13297.7	17136.2	52.1885
18	20.5945	14.6025	13234.4	17054.7	52.1886
19	21.4913	15.1305	13075.9	16850.4	52.1886
20	22.3882	15.6763	15122.6	19487.9	52.1886
21	23.2851	16.2403	14673.9	18909.7	52.1886
22	24.182	16.8231	14195.2	18292.7	52.1884
23	25.0788	17.4253	13690.7	17642.7	52.1886
24	25.9757	18.0473	13161.3	16960.5	52.1886
25	26.8726	18.69	12606.3	16245.3	52.1887
26	27.7695	19.3539	12028.1	15500.1	52.1885
27	28.6589	20.034	11405.8	14698.2	52.1885
28	29.5484	20.7366	10766.1	13873.8	52.1885
29	30.4378	21.4624	10115.8	13035.8	52.1885
30	31.3273	22.2125	9459.37	12189.9	52.1885
31	32.2167	22.9878	8799.74	11339.9	52.1886
32	33.1062	23.7895	8139.83	10489.5	52.1886
33	33.9956	24.6188	7482.58	9642.5	52.1885
34	34.8851	25.4769	6830.99	8802.82	52.1885
35	35.7745	26.3655	6188.08	7974.32	52.1885
36	36.664	27.2861	5556.91	7160.96	52.1885
37	37.5534	28.2405	4940.62	6366.78	52.1885
38	38.4429	29.2309	4342.44	5595.92	52.1885
39	39.3323	30.2595	3765.67	4852.66	52.1885
40	40.2218	31.3289	3213.74	4141.42	52.1886
41	41.1113	32.4421	2690.24	3466.8	52.1885
42	42.0007	33.6025	2198.92	2833.66	52.1885
43	42.8902	34.814	1743.78	2247.14	52.1885
44	43.7796	36.0812	1329.14	1712.8	52.1884
45	44.6691	37.4095	959.731	1236.77	52.1886
46	45.5585	38.8054	640.922	825.93	52.1885
47	46.448	40.2766	378.952	488.34	52.1885
48	47.3374	41.8326	181.399	233.761	52.1885
49	48.2269	43.4855	57.9062	74.6214	52.1885
50	49.1163	45.2506	21.4375	27.6256	52.1885
51	50.0058	47.148	0	0	0

◆ Wall 3 - Static

Global Minimum Query (spencer) - Safety Factor: 2.66584

Slice Number	X coordinate [ft]	Y coordinate - Bottom [ft]	Interslice Normal Force [lbs]	Interslice Shear Force [lbs]	Interslice Force Angle [deg]
1	-6.41999	9.084	0	0	0
2	-6.1809	8.93157	25.1563	6.24172	13.9347
3	-5.9418	8.79096	54.2179	13.4524	13.9347
4	-5.7027	8.66146	86.0167	21.3423	13.9347
5	-5.4636	8.54245	119.645	29.6862	13.9348
6	-5.22451	8.4334	154.388	38.3064	13.9347
7	-4.98541	8.33388	189.672	47.0611	13.9347
8	-4.74631	8.24349	225.039	55.8361	13.9347
9	-4.50721	8.1619	260.112	64.5386	13.9347
10	-4.26812	8.08881	294.59	73.093	13.9347
11	-4.02902	8.024	328.223	81.438	13.9347
12	-3.78992	7.96723	360.811	89.5237	13.9347
13	-3.55082	7.91834	392.191	97.3097	13.9347
14	-3.31173	7.87717	422.235	104.764	13.9347
15	-3.07263	7.8436	450.841	111.862	13.9347
16	-2.83353	7.81754	477.933	118.584	13.9347
17	-2.59443	7.7989	503.459	124.917	13.9347
18	-2.35534	7.78764	527.438	130.867	13.9347
19	-2.11624	7.78371	550.195	136.513	13.9347
20	-1.87714	7.78712	571.42	141.78	13.9347
21	-1.63805	7.79787	590.978	146.632	13.9347
22	-1.39895	7.81599	616.056	152.855	13.9347
23	-1.15985	7.84153	652.601	161.922	13.9347
24	-0.920753	7.87457	694.414	172.297	13.9347
25	-0.681656	7.9152	730.281	181.196	13.9347
26	-0.442558	7.96354	758.612	188.225	13.9347
27	-0.203461	8.01975	779.608	193.435	13.9347
28	0.0356366	8.084	793.463	196.873	13.9347
29	0.295257	8.16311	795.557	197.392	13.9347
30	0.554877	8.25226	789.562	195.905	13.9347
31	0.814497	8.35182	775.733	192.473	13.9347
32	1.07412	8.46223	754.33	187.163	13.9347
33	1.33374	8.584	725.622	180.04	13.9347
34	1.56575	8.70292	702.664	174.343	13.9347
35	1.79776	8.83191	674.501	167.356	13.9347
36	2.02977	8.97154	641.363	159.134	13.9347
37	2.20429	9.084	610.772	151.543	13.9347
38	2.45344	9.25635	566.295	140.508	13.9347
39	2.70259	9.44363	516.949	128.264	13.9347
40	2.95175	9.64725	463.135	114.912	13.9347
41	3.2009	9.86896	405.317	100.566	13.9347
42	3.45005	10.111	344.036	85.3616	13.9347
43	3.69921	10.3761	279.947	69.4598	13.9347
44	3.94836	10.668	213.856	53.0614	13.9347
45	4.19752	10.992	146.8	36.4237	13.9347
46	4.44667	11.3552	80.1712	19.8919	13.9347
47	4.69582	11.769	15.9535	3.95835	13.9347
48	4.94498	12.252	-42.7687	-10.6117	13.9347
49	5.19413	12.8407	-90.5013	-22.455	13.9347
50	5.44328	13.6283	-114.533	-28.4177	13.9347
51	5.69244	15.584	0	0	0

◆ Wall 3 - Seismic

Global Minimum Query (spencer) - Safety Factor: 1.93173

Slice Number	X coordinate [ft]	Y coordinate - Bottom [ft]	Interslice Normal Force [lbs]	Interslice Shear Force [lbs]	Interslice Force Angle [deg]
1	-6.5754	9.084	0	0	0
2	-6.25845	8.94778	84.1502	61.2032	36.0287
3	-5.94151	8.82268	167.643	121.928	36.0287
4	-5.62456	8.70831	248.771	180.933	36.0287
5	-5.30762	8.60433	326.515	237.478	36.0288
6	-4.99068	8.51046	400.296	291.139	36.0287
7	-4.67373	8.42643	469.807	341.695	36.0287
8	-4.35679	8.35202	534.926	389.057	36.0288
9	-4.03985	8.28704	595.643	433.217	36.0288
10	-3.72229	8.23133	652.026	474.225	36.0288
11	-3.40596	8.18475	704.196	512.168	36.0287
12	-3.08902	8.14719	752.305	547.158	36.0287
13	-2.77207	8.11856	796.53	579.324	36.0288
14	-2.45513	8.09879	837.064	608.805	36.0288
15	-2.15564	8.08821	851.353	619.197	36.0287
16	-1.85614	8.08548	863.858	628.292	36.0287
17	-1.55665	8.0906	874.946	636.357	36.0288
18	-1.25716	8.10357	901.951	655.997	36.0287
19	-0.957663	8.12442	943.367	686.12	36.0288
20	-0.658169	8.1532	979.034	712.061	36.0288
21	-0.358676	8.18997	1003.67	729.979	36.0288
22	-0.0591831	8.2348	1018.06	740.443	36.0287
23	0.24031	8.28779	1022.91	743.976	36.0289
24	0.539803	8.34905	1018.92	741.068	36.0287
25	0.839296	8.41874	1006.69	732.178	36.0289
26	1.13879	8.49699	986.846	717.743	36.0288
27	1.43828	8.584	959.944	698.176	36.0287
28	1.67637	8.65956	946.176	688.163	36.0288
29	1.91445	8.7409	928.564	675.354	36.0288
30	2.20028	8.84638	897.468	652.737	36.0288
31	2.48611	8.96065	861.695	626.719	36.0288
32	2.77193	9.084	821.672	597.61	36.0288
33	3.08999	9.23232	778.333	566.089	36.0288
34	3.40805	9.39279	730.81	531.525	36.0287
35	3.7261	9.566	679.705	494.356	36.0288
36	4.04416	9.75263	625.635	455.03	36.0287
37	4.36222	9.95346	569.233	414.008	36.0287
38	4.68028	10.1694	511.159	371.771	36.0288
39	4.99833	10.4015	452.109	328.824	36.0288
40	5.31639	10.6511	392.823	285.704	36.0288
41	5.63445	10.9197	334.096	242.991	36.0287
42	5.9525	11.2091	276.8	201.32	36.0289
43	6.27056	11.5216	221.904	161.393	36.0288
44	6.58862	11.86	170.497	124.004	36.0287
45	6.90955	12.2314	116.716	84.8883	36.0286
46	7.23048	12.6377	68.9775	50.168	36.0288
47	7.5514	13.0855	29.04	21.1211	36.0288
48	7.87233	13.5842	-0.930531	-0.676784	36.0287
49	8.19326	14.1479	-18.218	-13.2501	36.0287
50	8.51419	14.8	-19.49	-14.1752	36.0286
51	8.83512	15.584	0	0	0

◆ Walls 4 and 5 - Static

Global Minimum Query (spencer) - Safety Factor: 1.91101

Slice Number	X coordinate [ft]	Y coordinate - Bottom [ft]	Interslice Normal Force [lbs]	Interslice Shear Force [lbs]	Interslice Force Angle [deg]
1	4.74294	7.775	0	0	0
2	5.374	7.63351	60.5989	28.6345	25.2919
3	6.00505	7.50878	127.856	60.415	25.2918
4	6.6361	7.40054	199.573	94.303	25.2919
5	7.26716	7.30859	273.913	129.431	25.2919
6	7.89821	7.23276	349.348	165.076	25.292
7	8.52926	7.17288	424.615	200.641	25.2919
8	9.16031	7.12885	498.678	235.637	25.2918
9	9.74833	7.10203	529.224	250.071	25.2919
10	10.3363	7.08884	673.734	318.356	25.2919
11	10.9243	7.08929	951.809	449.753	25.2919
12	11.5124	7.10336	1209.18	571.365	25.2918
13	12.1004	7.13108	1445.47	683.021	25.2919
14	12.6884	7.17249	1661.23	784.971	25.2919
15	13.2764	7.22767	1857	877.479	25.2919
16	13.917	7.30355	2065.39	975.946	25.2919
17	14.5576	7.39602	2252.24	1064.24	25.2919
18	15.1982	7.50526	2418.44	1142.77	25.2918
19	15.8388	7.6315	2564.9	1211.98	25.2919
20	16.4794	7.775	2692.55	1272.29	25.2918
21	17.1294	7.93856	2816.14	1330.7	25.292
22	17.7794	8.12056	2922.33	1380.87	25.2918
23	18.3634	8.30014	2992.99	1414.26	25.2919
24	18.9474	8.49528	3051.58	1441.95	25.2919
25	19.5313	8.70637	3099.47	1464.58	25.2919
26	20.1153	8.93383	3141.73	1484.54	25.2918
27	20.6993	9.17815	3162.95	1494.57	25.2919
28	21.2832	9.43987	3157.76	1492.12	25.2919
29	21.8672	9.71957	3127.66	1477.9	25.2919
30	22.4512	10.0179	3073.96	1452.52	25.2919
31	23.0351	10.3357	2998.03	1416.64	25.2918
32	23.6191	10.6738	2901.66	1371.11	25.292
33	24.2031	11.0331	2785.89	1316.4	25.2919
34	24.787	11.4147	2652.17	1253.22	25.292
35	25.371	11.8198	2502.03	1182.27	25.2919
36	25.955	12.25	2337.1	1104.34	25.2919
37	26.5389	12.7067	2159.09	1020.23	25.292
38	27.1229	13.1919	1969.86	930.807	25.2919
39	27.7069	13.7078	1771.39	837.023	25.2918
40	28.2908	14.257	1565.85	739.904	25.2919
41	28.8979	14.8666	1360.61	642.924	25.292
42	29.5049	15.5198	1156.08	546.277	25.2919
43	30.0842	16.1886	946.9	447.433	25.2919
44	30.6635	16.9076	742.515	350.857	25.2919
45	31.2428	17.6841	547.034	258.487	25.2919
46	31.8221	18.5279	365.431	172.675	25.2919
47	32.4014	19.4518	203.932	96.3628	25.2919
48	32.9807	20.4745	70.6659	33.3914	25.2919
49	33.56	21.6238	-23.1145	-10.9222	25.2919
50	34.1393	22.9454	-60.4918	-28.5839	25.2919
51	34.7186	24.525	0	0	0

Walls 4 and 5 - Seismic

Global Minimum Query (spencer) - Safety Factor: 1.36227

Slice Number	X coordinate [ft]	Y coordinate - Bottom [ft]	Interslice Normal Force [lbs]	Interslice Shear Force [lbs]	Interslice Force Angle [deg]
1	-0.487778	7.775	0	0	0
2	0.247372	7.59202	208.164	146.766	35.1857
3	0.982523	7.42747	424.718	299.449	35.1859
4	1.71767	7.28106	643.354	453.598	35.1858
5	2.45282	7.15254	859.561	606.036	35.1859
6	3.18797	7.04169	1070.14	754.506	35.1859
7	3.92312	6.94832	1272.85	897.429	35.1859
8	4.65828	6.87229	1466.18	1033.73	35.1857
9	5.39343	6.81346	1649.13	1162.72	35.1858
10	6.12858	6.77173	1821.13	1283.99	35.1858
11	6.86373	6.74705	1981.92	1397.36	35.1859
12	7.59888	6.73937	2131.48	1502.81	35.1859
13	8.33403	6.74868	2270	1600.47	35.1859
14	9.06918	6.775	2397.91	1690.65	35.1858
15	9.76778	6.8158	2442.1	1721.81	35.1859
16	10.4664	6.87206	2611.64	1841.35	35.1859
17	11.165	6.94385	2857.01	2014.35	35.186
18	11.8636	7.03129	3068.15	2163.21	35.1859
19	12.5622	7.1345	3247.55	2289.7	35.1859
20	13.2608	7.25364	3397.56	2395.46	35.1859
21	14.0455	7.40668	3569.78	2516.88	35.1858
22	14.8302	7.58035	3712.21	2617.3	35.1858
23	15.6149	7.775	3827.58	2698.65	35.1859
24	16.3459	7.97556	3934.48	2774.02	35.1859
25	17.0769	8.19504	4021.87	2835.63	35.1859
26	17.808	8.43385	4091.87	2884.98	35.1858
27	18.5432	8.69403	4126.51	2909.41	35.1859
28	19.2785	8.97478	4147.79	2924.41	35.1858
29	20.0138	9.27667	4131.66	2913.04	35.1859
30	20.7491	9.60038	4026.3	2838.76	35.1859
31	21.4844	9.94663	3884.02	2738.44	35.1859
32	22.2196	10.3163	3715.4	2619.55	35.1858
33	22.9549	10.7102	3523.35	2484.15	35.1859
34	23.6902	11.1295	3311.81	2335	35.1858
35	24.4255	11.5754	3082.75	2173.51	35.186
36	25.1608	12.0492	2839.06	2001.69	35.1859
37	25.8961	12.5523	2583.73	1821.66	35.1858
38	26.6313	13.0866	2319.87	1635.63	35.1858
39	27.3666	13.6541	2050.71	1445.86	35.1859
40	28.1019	14.257	1779.65	1254.75	35.1859
41	28.8032	14.8676	1541.2	1086.63	35.1859
42	29.5045	15.5158	1308.57	922.611	35.1859
43	30.2394	16.2386	1053.46	742.743	35.1858
44	30.9742	17.0108	812.082	572.561	35.1859
45	31.709	17.8377	589.401	415.559	35.1859
46	32.4438	18.7263	390.976	275.659	35.1859
47	33.1786	19.6851	223.154	157.335	35.1858
48	33.9134	20.7257	93.316	65.7927	35.1859
49	34.6483	21.8632	10.2448	7.22316	35.186
50	35.3831	23.119	-15.3246	-10.8047	35.186
51	36.1179	24.525	0	0	0

Wall 6 - Static

Global Minimum Query (spencer) - Safety Factor: 2.02319

Slice Number	X coordinate [ft]	Y coordinate - Bottom [ft]	Interslice Normal Force [lbs]	Interslice Shear Force [lbs]	Interslice Force Angle [deg]
1	13.0533	7.247	0	0	0
2	13.8536	6.95029	109.06	49.9639	24.614
3	14.6538	6.67915	246.961	113.141	24.6141
4	15.4541	6.43286	405.41	185.732	24.6141
5	16.2544	6.21077	577.793	264.706	24.6141
6	17.0547	6.01234	758.792	347.628	24.6141
7	17.8549	5.83708	944.12	432.533	24.6141
8	18.6552	5.68459	1130.31	517.831	24.614
9	19.4555	5.5545	1314.55	602.238	24.6141
10	20.2558	5.44653	1494.58	684.718	24.6141
11	21.056	5.36044	1668.61	764.447	24.6141
12	21.8563	5.29603	1835.21	840.773	24.6141
13	22.6566	5.25317	1993.3	913.195	24.614
14	23.4569	5.23176	2142.66	981.622	24.6141
15	24.2571	5.23176	2302.31	1054.76	24.614
16	25.0574	5.25317	2717.71	1245.07	24.614
17	25.8577	5.29603	3215.26	1473.02	24.6141
18	26.658	5.36044	3662.85	1678.07	24.614
19	27.4582	5.44653	4062.4	1861.12	24.6141
20	28.2585	5.5545	4414.49	2022.42	24.614
21	29.0588	5.68459	4722.25	2163.42	24.6141
22	29.8591	5.83708	4987.84	2285.1	24.6141
23	30.6593	6.01234	5213.14	2388.31	24.6141
24	31.4596	6.21077	5400.02	2473.93	24.6141
25	32.2599	6.43286	5550.42	2542.83	24.6141
26	33.0601	6.67915	5666.3	2595.92	24.6141
27	33.8604	6.95029	5749.88	2634.21	24.6141
28	34.6607	7.247	5807.39	2660.56	24.6141
29	35.4206	7.55316	5831.42	2671.57	24.6141
30	36.1805	7.88392	5806.16	2660	24.6141
31	36.9405	8.24018	5734.4	2627.12	24.6141
32	37.7004	8.62297	6782.42	3107.25	24.6141
33	38.4603	9.03347	6624.51	3034.91	24.6141
34	39.2202	9.47298	6423.3	2942.73	24.6141
35	39.9801	9.94305	6179.84	2831.19	24.6141
36	40.7401	10.4454	5895.98	2701.15	24.6141
37	41.5637	11.0286	5534.87	2535.71	24.6141
38	42.3873	11.6552	5138.19	2353.98	24.6141
39	43.2109	12.3286	4710.08	2157.85	24.6141
40	44.0345	13.0532	4255.07	1949.39	24.6141
41	44.8581	13.8341	3778.17	1730.9	24.614
42	45.6817	14.6778	3285.02	1504.98	24.6141
43	46.5053	15.5924	2782.1	1274.57	24.614
44	47.3289	16.5884	2276.95	1043.15	24.6142
45	48.1526	17.6797	1778.63	814.85	24.6141
46	48.9762	18.8855	1298.29	594.791	24.6141
47	49.7998	20.2334	850.239	389.523	24.6141
48	50.6234	21.7664	453.752	207.879	24.6141
49	51.447	23.5576	136.738	62.6441	24.614
50	52.2706	25.7533	-55.7699	-25.5501	24.6141
51	53.0942	28.757	0	0	0

Wall 6 - Seismic

Global Minimum Query (spencer) - Safety Factor: 1.471

Slice Number	X coordinate [ft]	Y coordinate - Bottom [ft]	Interslice Normal Force [lbs]	Interslice Shear Force [lbs]	Interslice Force Angle [deg]
1	13.1834	7.247	0	0	0
2	14.0308	6.9946	373.724	313.076	39.9536
3	14.8782	6.76583	762.45	638.718	39.9535
4	15.7256	6.56021	1149.69	963.117	39.9535
5	16.573	6.3773	1525.36	1277.82	39.9535
6	17.4204	6.21673	1883.43	1577.78	39.9535
7	18.2678	6.07819	2220.49	1860.15	39.9536
8	19.1152	5.96141	2534.84	2123.48	39.9535
9	19.9626	5.86616	2825.82	2367.24	39.9535
10	20.8099	5.79226	3093.53	2591.51	39.9536
11	21.6573	5.73957	3338.51	2796.73	39.9535
12	22.5047	5.708	3561.61	2983.63	39.9536
13	23.3521	5.69748	3764.21	3153.35	39.9535
14	24.1995	5.708	3961.62	3318.73	39.9536
15	25.0469	5.73957	4426.41	3708.09	39.9536
16	25.8943	5.79226	4967.5	4161.37	39.9536
17	26.7417	5.86616	5429.22	4548.16	39.9535
18	27.5891	5.96141	5818.81	4874.53	39.9536
19	28.4365	6.07819	6141.65	5144.98	39.9536
20	29.2839	6.21673	6405.03	5365.61	39.9535
21	30.1313	6.3773	6614.31	5540.93	39.9535
22	30.9787	6.56021	6774.37	5675.02	39.9536
23	31.8261	6.76583	6889.74	5771.66	39.9535
24	32.6735	6.9946	6964.63	5834.4	39.9535
25	33.5209	7.247	7003	5866.54	39.9535
26	34.3231	7.50823	7024.95	5884.93	39.9535
27	35.1254	7.79166	6960.06	5830.57	39.9535
28	35.9277	8.09789	6828.15	5720.07	39.9535
29	36.7299	8.42759	6650.58	5571.32	39.9536
30	37.5322	8.78151	8157.5	6833.69	39.9535
31	38.3344	9.16048	7900.63	6618.51	39.9536
32	39.1367	9.56543	7604.03	6370.04	39.9535
33	39.9389	9.99744	7269.43	6089.74	39.9535
34	40.7412	10.4577	6899.99	5780.25	39.9535
35	41.6179	10.9945	6460.32	5411.93	39.9535
36	42.4945	11.5688	5981.6	5010.9	39.9535
37	43.3712	12.1826	5483.02	4593.23	39.9535
38	44.2479	12.8389	4969.55	4163.08	39.9535
39	45.1246	13.5408	4446.36	3724.79	39.9535
40	46.0013	14.2919	3918.83	3282.88	39.9536
41	46.8779	15.0969	3392.7	2842.13	39.9536
42	47.7546	15.9611	2874.08	2407.67	39.9535
43	48.6313	16.8913	2369.65	1985.1	39.9535
44	49.508	17.8958	1886.76	1580.57	39.9535
45	50.3847	18.9854	1433.71	1201.04	39.9534
46	51.2614	20.1741	1020.02	854.486	39.9534
47	52.138	21.4814	656.924	550.317	39.9535
48	53.0147	22.9345	358.189	300.062	39.9536
49	53.8914	24.5753	141.635	118.65	39.9535
50	54.7681	26.4724	32.8472	27.5167	39.9535
51	55.6448	28.757	0	0	0

Wall 7 - Static

Global Minimum Query (spencer) - Safety Factor: 2.6509

Slice Number	X coordinate [ft]	Y coordinate - Bottom [ft]	Interslice Normal Force [lbs]	Interslice Shear Force [lbs]	Interslice Force Angle [deg]
1	-1.2448	8.193	0	0	0
2	-0.754999	7.98341	46.0925	19.3878	22.813
3	-0.265199	7.79227	102.298	43.0295	22.813
4	0.2246	7.61892	165.503	69.6151	22.813
5	0.714399	7.46275	233.235	98.1052	22.813
6	1.2042	7.32327	303.522	127.67	22.813
7	1.694	7.20003	374.783	157.644	22.813
8	2.1838	7.09266	445.747	187.494	22.813
9	2.60912	7.01205	487.654	205.121	22.813
10	3.03445	6.943	531.587	223.6	22.813
11	3.48985	6.8817	693.872	291.862	22.813
12	3.94525	6.83334	981.605	412.89	22.813
13	4.40065	6.79778	1353.25	569.213	22.8129
14	4.85604	6.77496	1704.44	716.937	22.813
15	5.31144	6.76482	2021.76	850.408	22.813
16	5.76684	6.76733	2306.53	970.191	22.813
17	6.22224	6.7825	2560	1076.81	22.813
18	6.67764	6.81036	2783.05	1170.63	22.813
19	7.13303	6.85099	2976.55	1252.02	22.813
20	7.58843	6.90447	3142.13	1321.67	22.813
21	8.04383	6.97093	3280.73	1379.97	22.813
22	8.49923	7.05054	3393.31	1427.32	22.813
23	8.95463	7.14349	3480.73	1464.09	22.813
24	9.41002	7.25001	3543.86	1490.65	22.813
25	9.86542	7.37038	3583.54	1507.34	22.813
26	10.3208	7.50492	3600.59	1514.51	22.813
27	10.7762	7.654	3595.82	1512.5	22.813
28	11.2316	7.81803	3570.02	1501.65	22.813
29	11.687	7.99751	3524.01	1482.3	22.813
30	12.1424	8.193	3458.6	1454.78	22.8129
31	12.6382	8.42476	3372.87	1418.72	22.8129
32	13.134	8.6772	3266.26	1373.88	22.813
33	13.6298	8.9514	3139.92	1320.74	22.813
34	14.1256	9.24866	2995.03	1259.79	22.8129
35	14.6214	9.5705	2833.96	1192.04	22.8129
36	15.0671	9.88227	2668.17	1122.31	22.813
37	15.5128	10.2169	2490.43	1047.54	22.8129
38	15.9585	10.5762	2301.85	968.222	22.813
39	16.4042	10.9623	2103.67	884.86	22.8129
40	16.8499	11.3779	1897.24	798.032	22.813
41	17.2956	11.8262	1684.11	708.384	22.813
42	17.7413	12.3113	1466.03	616.654	22.813
43	18.187	12.8384	1245.05	523.704	22.813
44	18.6327	13.4143	1023.6	430.557	22.8131
45	19.0784	14.0481	804.673	338.468	22.813
46	19.5242	14.7532	592.031	249.025	22.813
47	19.9699	15.5491	390.698	164.339	22.813
48	20.4156	16.4682	207.826	87.4173	22.813
49	20.8613	17.5711	54.8953	23.0905	22.813
50	21.307	19.0016	-44.4955	-18.716	22.8129
51	21.7527	21.443	0	0	0

◆ Wall 7 - Seismic

Global Minimum Query (spencer) - Safety Factor: 2.65735

Slice Number	X coordinate [ft]	Y coordinate - Bottom [ft]	Interslice Normal Force [lbs]	Interslice Shear Force [lbs]	Interslice Force Angle [deg]
1	3.07078	9.3881	0	0	0
2	3.45616	9.48657	304.376	446.01	55.6887
3	3.84154	9.58933	629.299	922.128	55.6887
4	4.22692	9.69642	793.366	1162.54	55.6887
5	4.6123	9.80787	930.24	1363.11	55.6888
6	4.99768	9.92372	1065.23	1560.91	55.6887
7	5.38306	10.044	1198.58	1756.31	55.6887
8	5.76844	10.1688	1330.54	1949.67	55.6887
9	6.15382	10.2981	1461.35	2141.36	55.6888
10	6.54236	10.4331	1348.71	1976.31	55.6889
11	6.93091	10.5729	1234.33	1808.7	55.6888
12	7.31945	10.7174	1118.43	1638.87	55.6888
13	7.708	10.8667	1001.24	1467.14	55.6887
14	8.09654	11.0209	882.96	1293.82	55.6886
15	8.48509	11.1801	763.823	1119.25	55.6887
16	8.87364	11.3443	644.041	943.73	55.6887
17	9.26218	11.5136	523.829	767.58	55.6887
18	9.65073	11.688	2053.66	3009.28	55.6887
19	10.0393	11.8677	1933.23	2832.81	55.6887
20	10.4278	12.0527	1813.02	2656.66	55.6887
21	10.8164	12.2431	1693.23	2481.14	55.6888
22	11.2049	12.439	1574.09	2306.55	55.6887
23	11.5935	12.6405	1455.8	2133.23	55.6888
24	11.982	12.8477	1338.6	1961.48	55.6887
25	12.3705	13.0608	1222.69	1791.64	55.6887
26	12.7591	13.2797	1108.29	1624.01	55.6888
27	13.1476	13.5046	995.637	1458.93	55.6887
28	13.5362	13.7358	1502.98	2202.35	55.6887
29	13.9247	13.9732	1394.47	2043.36	55.6888
30	14.3133	14.217	1288.39	1887.91	55.6887
31	14.7018	14.4674	1184.96	1736.36	55.6888
32	15.0904	14.7245	1084.43	1589.04	55.6887
33	15.4986	15.0021	977.7	1432.65	55.6887
34	15.9069	15.2876	874.723	1281.76	55.6888
35	16.3152	15.581	775.784	1136.78	55.6888
36	16.7235	15.8828	681.179	998.149	55.6887
37	17.1317	16.193	591.209	866.315	55.6888
38	17.5245	16.4997	513.622	752.624	55.6887
39	17.9173	16.8148	440.905	646.07	55.6887
40	18.31	17.1386	373.354	547.086	55.6888
41	18.7084	17.4761	306.032	448.437	55.6888
42	19.1068	17.8231	244.646	358.486	55.6887
43	19.5052	18.18	189.531	277.725	55.6888
44	19.9035	18.5471	141.035	206.662	55.6887
45	20.3019	18.9248	99.5182	145.827	55.6888
46	20.7003	19.3137	65.357	95.7693	55.6887
47	21.0986	19.7141	38.9429	57.064	55.6887
48	21.497	20.1267	20.6857	30.3113	55.6887
49	21.8954	20.5519	11.0198	16.1476	55.6887
50	22.2938	20.9904	10.4527	15.3166	55.6887
51	22.6921	21.443	0	0	0

Wall 8 - Static

Global Minimum Query (spencer) - Safety Factor: 2.68676

Slice Number	X coordinate [ft]	Y coordinate - Bottom [ft]	Interslice Normal Force [lbs]	Interslice Shear Force [lbs]	Interslice Force Angle [deg]
1	-2.56453	7.247	0	0	0
2	-2.29088	7.11714	23.3187	7.96515	18.859
3	-2.01723	6.99758	49.844	17.0257	18.8591
4	-1.74357	6.8879	78.6475	26.8643	18.8591
5	-1.46992	6.78774	108.976	37.2238	18.859
6	-1.19627	6.69681	140.214	47.894	18.859
7	-0.922615	6.61481	171.858	58.703	18.8591
8	-0.648962	6.54153	203.494	69.5092	18.8591
9	-0.37531	6.47675	234.782	80.1965	18.8591
10	-0.101657	6.42031	265.444	90.6699	18.8591
11	0.171996	6.37205	295.253	100.852	18.8591
12	0.445648	6.33185	324.027	110.681	18.8591
13	0.719301	6.29961	351.623	120.107	18.8591
14	0.992954	6.27526	377.929	129.093	18.8591
15	1.26312	6.25888	392.208	133.97	18.8591
16	1.53329	6.25009	405.709	138.582	18.8591
17	1.80346	6.24886	417.925	142.754	18.859
18	2.07363	6.25519	442.163	151.033	18.859
19	2.3438	6.26909	490.488	167.54	18.859
20	2.61397	6.29061	549.697	187.765	18.8591
21	2.88414	6.31978	601.158	205.343	18.8591
22	3.15431	6.35668	644.35	220.096	18.8591
23	3.42448	6.4014	679.519	232.109	18.8591
24	3.69465	6.45405	706.913	241.466	18.859
25	3.96481	6.51477	726.774	248.251	18.8591
26	4.23498	6.5837	739.349	252.546	18.8591
27	4.50515	6.66104	744.881	254.436	18.8591
28	4.77532	6.747	743.622	254.005	18.859
29	5.08299	6.8557	744.778	254.4	18.8591
30	5.39065	6.97631	738.026	252.094	18.8591
31	5.68992	7.10552	720.312	246.043	18.8591
32	5.98918	7.247	695.839	237.684	18.8591
33	6.26548	7.38904	671.291	229.299	18.8591
34	6.54179	7.5426	641.689	219.187	18.8591
35	6.81809	7.70835	607.392	207.472	18.8591
36	7.09439	7.88703	568.786	194.285	18.8591
37	7.37069	8.07954	526.294	179.771	18.8591
38	7.647	8.28691	480.382	164.088	18.859
39	7.9233	8.5104	431.568	147.414	18.859
40	8.1996	8.75152	380.439	129.95	18.8591
41	8.4759	9.01211	327.668	111.924	18.859
42	8.75221	9.29449	274.039	93.6059	18.8591
43	9.02851	9.60158	220.484	75.3128	18.8591
44	9.30481	9.93718	168.137	57.4322	18.8591
45	9.58111	10.3064	118.414	40.4477	18.8591
46	9.85742	10.7165	73.1448	24.9847	18.8591
47	10.1337	11.178	34.8007	11.8872	18.8591
48	10.3818	11.6498	2.19039	0.74819	18.8591
49	10.6298	12.1974	-19.222	-6.56584	18.8591
50	10.8779	12.8615	-23.6911	-8.09236	18.859
51	11.1259	13.747	0	0	0

Wall 8 - Seismic

Global Minimum Query (spencer) - Safety Factor: 1.94722

Slice Number	X coordinate [ft]	Y coordinate - Bottom [ft]	Interslice Normal Force [lbs]	Interslice Shear Force [lbs]	Interslice Force Angle [deg]
1	-2.53604	7.247	0	0	0
2	-2.23651	7.12502	81.0642	64.0739	38.3232
3	-1.93698	7.01294	160.473	126.839	38.3231
4	-1.63745	6.91045	236.924	187.267	38.3232
5	-1.33792	6.81728	309.674	244.769	38.3231
6	-1.03839	6.73318	378.332	299.037	38.3232
7	-0.738866	6.65795	442.731	349.938	38.3231
8	-0.439337	6.5914	502.845	397.453	38.3231
9	-0.139808	6.53337	558.74	441.633	38.3232
10	0.15972	6.48374	610.538	482.575	38.3232
11	0.459249	6.44239	658.398	520.404	38.3232
12	0.758778	6.40923	702.502	555.264	38.3232
13	1.05831	6.38418	743.043	587.308	38.3232
14	1.36811	6.36675	758.272	599.345	38.3232
15	1.67792	6.3579	771.483	609.787	38.3232
16	1.98773	6.35762	788.252	623.042	38.3232
17	2.29754	6.3659	830.751	656.633	38.3232
18	2.60735	6.38276	884.729	699.298	38.3232
19	2.91715	6.40825	926.746	732.508	38.3231
20	3.22696	6.44241	956.155	755.754	38.3232
21	3.53677	6.48533	973.971	769.836	38.3232
22	3.84658	6.53711	981.117	775.484	38.3232
23	4.15638	6.59788	978.438	773.367	38.3232
24	4.46619	6.66779	966.716	764.102	38.3232
25	4.776	6.74701	946.683	748.267	38.3232
26	5.07022	6.83106	935.799	739.665	38.3232
27	5.36445	6.9239	918.57	726.046	38.3232
28	5.65034	7.02275	891.016	704.268	38.3232
29	5.93623	7.13036	858.515	678.578	38.3232
30	6.22211	7.247	821.518	649.335	38.3232
31	6.51401	7.37574	784.738	620.264	38.3232
32	6.80591	7.51459	744.164	588.194	38.3232
33	7.09781	7.66399	700.273	553.503	38.3232
34	7.3897	7.8244	653.55	516.572	38.3232
35	7.6816	7.9964	604.482	477.789	38.3232
36	7.9735	8.18062	553.573	437.549	38.3232
37	8.2654	8.37778	501.341	396.265	38.3232
38	8.55729	8.58875	448.329	354.363	38.3231
39	8.84919	8.81452	395.108	312.297	38.3232
40	9.14109	9.05626	342.288	270.548	38.3232
41	9.43298	9.31538	290.53	229.637	38.3231
42	9.72488	9.59358	240.555	190.137	38.3232
43	10.0168	9.89293	193.165	152.679	38.3231
44	10.3129	10.2208	142.769	112.846	38.3232
45	10.6089	10.5766	96.8365	76.5405	38.3232
46	10.905	10.9647	56.5996	44.7368	38.3231
47	11.2011	11.3912	23.5277	18.5965	38.3232
48	11.4972	11.8647	-0.607485	-0.480162	38.3232
49	11.7933	12.3983	-13.7123	-10.8383	38.3231
50	12.0894	13.0127	-13.6478	-10.7873	38.323
51	12.3854	13.747	0	0	0

Walla 9a and 9b - Static

Global Minimum Query (spencer) - Safety Factor: 1.76198

Slice Number	X coordinate [ft]	Y coordinate - Bottom [ft]	Interslice Normal Force [lbs]	Interslice Shear Force [lbs]	Interslice Force Angle [deg]
1	-17.161	2.96	0	0	0
2	-15.9767	2.50867	249.151	125.548	26.7437
3	-14.7924	2.09645	583.619	294.088	26.7437
4	-13.6081	1.7222	976.512	492.068	26.7437
5	-12.4237	1.38488	1407.5	709.246	26.7438
6	-11.2394	1.0836	1860.99	937.762	26.7438
7	-10.0551	0.817601	2324.88	1171.52	26.7438
8	-8.87081	0.586215	2789.7	1405.74	26.7437
9	-7.6865	0.388881	3248.03	1636.69	26.7436
10	-6.50219	0.225129	3694.05	1861.45	26.7438
11	-5.31788	0.0945764	4123.23	2077.71	26.7437
12	-4.13357	-0.00307886	4532.09	2283.74	26.7437
13	-2.94926	-0.0680597	4918	2478.2	26.7437
14	-1.76495	-0.100514	5279.08	2660.15	26.7437
15	-0.580636	-0.100514	5614.05	2828.94	26.7437
16	0.603675	-0.0680597	5922.99	2984.62	26.7437
17	1.78799	-0.00307886	6339.23	3194.36	26.7437
18	2.9723	0.0945764	7393.89	3725.81	26.7437
19	4.15661	0.225129	8538.63	4302.65	26.7437
20	5.34092	0.388881	9554.47	4814.53	26.7437
21	6.52523	0.586215	10451.1	5266.36	26.7438
22	7.70954	0.817601	11242.5	5665.13	26.7437
23	8.89385	1.0836	11931.6	6012.37	26.7437
24	10.0782	1.38488	12521	6309.37	26.7437
25	11.2625	1.7222	13013.3	6557.45	26.7437
26	12.4468	2.09645	13411.2	6757.97	26.7438
27	13.6311	2.50867	13718.1	6912.6	26.7437
28	14.8154	2.96	13981.5	7045.32	26.7437
29	16.0679	3.48139	14198.1	7154.48	26.7437
30	17.3205	4.04985	17139.7	8636.74	26.7437
31	18.573	4.66746	17028.2	8580.57	26.7437
32	19.8256	5.33664	16764.3	8447.6	26.7437
33	21.0781	6.06017	16357.1	8242.4	26.7437
34	22.2315	6.77726	15838.7	7981.19	26.7437
35	23.3848	7.54613	15212.4	7665.58	26.7437
36	24.5381	8.37023	14485.2	7299.16	26.7437
37	25.6915	9.25359	13664.7	6885.68	26.7437
38	26.8448	10.201	12758.5	6429.08	26.7438
39	27.9981	11.2181	11775.2	5933.59	26.7438
40	29.1515	12.3118	10723.9	5403.8	26.7436
41	30.3048	13.4906	9614.4	4844.73	26.7437
42	31.4582	14.7652	8458.03	4262.03	26.7437
43	32.6115	16.149	7267.49	3662.12	26.7437
44	33.7648	17.6599	6057.66	3052.48	26.7437
45	34.9182	19.322	4846.36	2442.1	26.7437
46	36.0715	21.1697	3655.7	1842.12	26.7437
47	37.2248	23.2547	2514.42	1267.03	26.7438
48	38.3782	25.6616	1462.3	736.86	26.7438
49	39.5315	28.549	560.125	282.249	26.7437
50	40.6849	32.2942	-80.8964	-40.764	26.7437
51	41.8382	38.705	0	0	0

Walls 9a and 9b - Seismic

Global Minimum Query (spencer) - Safety Factor: 1.34982

Slice Number	X coordinate [ft]	Y coordinate - Bottom [ft]	Interslice Normal Force [lbs]	Interslice Shear Force [lbs]	Interslice Force Angle [deg]
1	-18.0722	2.96	0	0	0
2	-16.7869	2.53092	1466.31	1236.07	40.1302
3	-15.5016	2.14106	2954.83	2490.85	40.1301
4	-14.2162	1.78943	4369.5	3683.39	40.1301
5	-12.9309	1.4752	5674.52	4783.48	40.1301
6	-11.6455	1.19761	6861.16	5783.79	40.1301
7	-10.3602	0.956042	7932.34	6686.77	40.1301
8	-9.07487	0.749946	8895.46	7498.66	40.1301
9	-7.78953	0.57887	9759.15	8226.73	40.1301
10	-6.5042	0.442443	10531.9	8878.17	40.1302
11	-5.21886	0.340374	11221.8	9459.68	40.13
12	-3.93352	0.272447	11835.8	9977.32	40.1302
13	-2.64818	0.23852	12380.7	10436.6	40.13
14	-1.36285	0.23852	12862.3	10842.6	40.1301
15	-0.0775105	0.272447	13286.2	11199.9	40.13
16	1.20783	0.340374	13662.4	11517.1	40.1301
17	2.49316	0.442443	14508.4	12230.3	40.1302
18	3.7785	0.57887	15722.6	13253.7	40.1299
19	5.06384	0.749946	16739.7	14111.2	40.1302
20	6.34917	0.956042	17572.8	14813.4	40.13
21	7.63451	1.19761	18247.9	15382.5	40.13
22	8.91985	1.4752	18777.8	15829.2	40.13
23	10.2052	1.78943	19172.7	16162.2	40.1302
24	11.4905	2.14106	19442.2	16389.3	40.1301
25	12.7759	2.53092	19595	16518.1	40.1301
26	14.0612	2.96	19637.3	16553.7	40.13
27	15.2305	3.38535	19545.9	16476.7	40.13
28	16.3999	3.845	19266.4	16241.1	40.1301
29	17.5692	4.34004	22994.5	19383.8	40.1301
30	18.7385	4.87163	22465.3	18937.7	40.1301
31	19.9079	5.44113	21826.3	18399	40.13
32	21.0772	6.05005	21087.1	17775.9	40.1301
33	22.3689	6.7706	20131.4	16970.3	40.1301
34	23.6607	7.54394	19077.4	16081.7	40.1299
35	24.9524	8.37312	17937	15120.5	40.1302
36	26.2442	9.26161	16722.3	14096.5	40.1301
37	27.5359	10.2135	15445.2	13019.9	40.13
38	28.8277	11.2336	14117.8	11900.9	40.1299
39	30.1194	12.3276	12752.6	10750.2	40.1303
40	31.4112	13.5024	11362.8	9578.54	40.13
41	32.7029	14.7662	9961.96	8397.69	40.1301
42	33.9947	16.1294	8564.99	7220.08	40.1301
43	35.2864	17.6049	7188.04	6059.35	40.1301
44	36.5782	19.2094	5849.17	4930.71	40.1301
45	37.8699	20.9651	4569	3851.56	40.1301
46	39.1617	22.9026	3371.87	2842.4	40.13
47	40.4534	25.0661	2287.53	1928.34	40.1302
48	41.7452	27.5239	1354.42	1141.74	40.13
49	43.0369	30.3927	625.949	527.66	40.1301
50	44.3287	33.9055	185.078	156.016	40.13
51	45.6204	38.705	0	0	0

Walls 9a and 10 - Static

Global Minimum Query (spencer) - Safety Factor: 1.78993

Slice Number	X coordinate [ft]	Y coordinate - Bottom [ft]	Interslice Normal Force [lbs]	Interslice Shear Force [lbs]	Interslice Force Angle [deg]
1	4.72833	3.906	0	0	0
2	5.68173	3.64758	132.712	70.3176	27.9169
3	6.63513	3.41532	292.398	154.927	27.9169
4	7.58854	3.20873	470.706	249.403	27.9168
5	8.54194	3.02738	660.924	350.19	27.9168
6	9.49534	2.87091	857.634	454.417	27.9169
7	10.4487	2.73902	1056.46	559.765	27.9169
8	11.4021	2.63145	1253.88	664.366	27.9168
9	12.3556	2.548	1447.06	766.722	27.9168
10	13.309	2.4885	1633.75	865.643	27.9169
11	14.2624	2.45284	1812.22	960.202	27.9168
12	15.2158	2.44096	1983.91	1051.18	27.917
13	16.1692	2.45284	2413.26	1278.67	27.917
14	17.1226	2.4885	3236.26	1714.73	27.9168
15	18.076	2.548	4005.34	2122.23	27.9169
16	19.0294	2.63145	4702.9	2491.83	27.9169
17	19.9828	2.73902	5330.24	2824.23	27.9169
18	20.9362	2.87091	5892.8	3122.3	27.9169
19	21.8896	3.02738	6393.45	3387.56	27.9168
20	22.843	3.20873	6835.01	3621.53	27.9169
21	23.7964	3.41532	7220.3	3825.67	27.9168
22	24.7498	3.64758	7552.1	4001.48	27.9169
23	25.7032	3.906	7833.19	4150.41	27.9168
24	26.6919	4.20219	8093.97	4288.59	27.9169
25	27.6805	4.5278	8306.24	4401.06	27.9169
26	28.6692	4.88365	8473.28	4489.56	27.9168
27	29.6578	5.27063	9973.19	5284.29	27.9169
28	30.6465	5.68979	10059.9	5330.25	27.9169
29	31.6351	6.14228	10111.2	5357.39	27.9167
30	32.6238	6.62945	10089	5345.65	27.9169
31	33.6125	7.1528	9941.29	5267.39	27.9169
32	34.6085	7.71841	9690.25	5134.37	27.9168
33	35.6046	8.32451	9366.55	4962.86	27.9168
34	36.6007	8.97343	8975.11	4755.46	27.9169
35	37.5968	9.66783	8520.78	4514.73	27.9169
36	38.5929	10.4109	8008.99	4243.56	27.9169
37	39.589	11.2062	7445.49	3944.99	27.9169
38	40.585	12.0581	6836.43	3622.28	27.9169
39	41.5811	12.972	6188.47	3278.96	27.9169
40	42.5772	13.954	5508.91	2918.89	27.9168
41	43.5733	15.0121	4805.88	2546.39	27.9168
42	44.5694	16.156	4088.58	2166.33	27.9168
43	45.0109	16.6937	3779.84	2002.75	27.9169
44	45.9697	17.9343	3087.89	1636.12	27.9169
45	46.9285	19.2894	2409.5	1276.67	27.9168
46	47.8872	20.7823	1759.39	932.214	27.9169
47	48.846	22.4467	1156.22	612.622	27.9168
48	49.8048	24.3349	624.758	331.028	27.9169
49	50.7635	26.5361	200.54	106.256	27.9169
50	51.7223	29.2287	-58.4776	-30.9843	27.9168
51	52.6811	32.906	0	0	0

Walls 9a and 10 - Seismic

Global Minimum Query (spencer) - Safety Factor: 1.33587

Slice Number	X coordinate [ft]	Y coordinate - Bottom [ft]	Interslice Normal Force [lbs]	Interslice Shear Force [lbs]	Interslice Force Angle [deg]
1	7.65899	3.906	0	0	0
2	8.65132	3.68554	443.475	410.882	42.8153
3	9.64366	3.49309	889.528	824.152	42.8153
4	10.636	3.32823	1321.85	1224.7	42.8152
5	11.6283	3.19058	1730.93	1603.71	42.8152
6	12.6207	3.07985	2111.59	1956.4	42.8153
7	13.613	2.99578	2461.48	2280.57	42.8152
8	14.6053	2.93821	2780.05	2575.73	42.8153
9	15.4516	2.90996	2916.24	2701.91	42.8153
10	16.2978	2.90083	3668.9	3399.25	42.8152
11	17.1441	2.91083	4852.3	4495.68	42.8153
12	17.9904	2.93996	5887.59	5454.88	42.8153
13	18.8366	2.98828	6783.62	6285.05	42.8152
14	19.7025	3.05765	7534.72	6980.95	42.8152
15	20.5685	3.14729	8181.34	7580.05	42.8153
16	21.4344	3.25735	8733.93	8092.03	42.8153
17	22.3003	3.38801	9201.7	8525.42	42.8153
18	23.1662	3.53949	9592.82	8887.8	42.8153
19	24.0321	3.71206	9914.62	9185.94	42.8152
20	24.898	3.906	10173.7	9425.95	42.8152
21	25.8663	4.14861	10428.5	9662.08	42.8153
22	26.8345	4.41894	10618.9	9838.48	42.8153
23	27.8028	4.71761	10752	9961.77	42.8152
24	28.7711	5.04534	10834.3	10038.1	42.8155
25	29.7394	5.40295	12982.4	12028.3	42.8154
26	30.7076	5.79136	12981.6	12027.5	42.8152
27	31.6759	6.21164	12941.7	11990.6	42.8154
28	32.6442	6.66497	12741.8	11805.4	42.8154
29	33.6124	7.1527	12332.7	11426.3	42.8152
30	34.5504	7.65942	11838.2	10968.1	42.8151
31	35.4884	8.20146	11288.8	10459.1	42.8152
32	36.4263	8.78064	10691	9905.25	42.8152
33	37.3643	9.39905	10050.2	9311.6	42.8154
34	38.3023	10.0591	9372.74	8683.89	42.8153
35	39.2402	10.7635	8664.64	8027.83	42.8153
36	40.1782	11.5156	7932.15	7349.17	42.8152
37	41.1162	12.3193	7181.64	6653.82	42.8152
38	42.0541	13.1789	6419.69	5947.87	42.8152
39	42.9921	14.1002	5653.22	5237.74	42.8153
40	43.93	15.0898	4889.62	4530.26	42.8153
41	44.868	16.156	4136.92	3832.88	42.8153
42	44.9734	16.281	4056.39	3758.26	42.8152
43	45.864	17.384	3362.58	3115.45	42.8153
44	46.7546	18.5792	2696.44	2498.26	42.8152
45	47.6451	19.8825	2068.29	1916.28	42.8152
46	48.5357	21.3162	1490.61	1381.06	42.8153
47	49.4263	22.9124	979.047	907.091	42.8152
48	50.3169	24.7208	553.999	513.283	42.8153
49	51.2075	26.8263	242.712	224.874	42.8153
50	52.0981	29.3985	79.1876	73.3677	42.8153
51	52.9887	32.906	0	0	0

 Wall 11 - Static
Global Minimum Query (spencer) - Safety Factor: 2.37055

Slice Number	X coordinate [ft]	Y coordinate - Bottom [ft]	Interslice Normal Force [lbs]	Interslice Shear Force [lbs]	Interslice Force Angle [deg]
1	13.7537	3.48954	0	0	0
2	14.5347	3.81765	824.169	449.755	28.6216
3	15.3156	4.15297	1668.01	910.247	28.6217
4	16.0966	4.49558	1949.88	1064.06	28.6215
5	16.8776	4.84555	2156.72	1176.94	28.6217
6	17.5646	5.15955	2007.35	1095.43	28.6217
7	18.2516	5.47936	1849.56	1009.32	28.6217
8	18.9385	5.80504	1683.76	918.843	28.6217
9	19.6255	6.13665	2487.57	1357.49	28.6217
10	20.3125	6.47425	2307.02	1258.96	28.6217
11	20.9995	6.8179	2119.74	1156.76	28.6217
12	21.6865	7.16766	1926.17	1051.12	28.6215
13	22.3735	7.52361	1726.75	942.302	28.6217
14	23.0604	7.88581	1521.95	830.538	28.6216
15	23.7474	8.25434	2276.61	1242.36	28.6216
16	24.4344	8.62926	2062.42	1125.48	28.6217
17	25.1214	9.01065	1844.26	1006.42	28.6215
18	25.8084	9.3986	1622.61	885.468	28.6216
19	26.4954	9.79317	1397.97	762.881	28.6216
20	27.1823	10.1945	2125.9	1160.12	28.6216
21	27.8693	10.6026	1896.81	1035.11	28.6218
22	28.5563	11.0176	1666.29	909.306	28.6216
23	29.2433	11.4395	1434.86	783.015	28.6217
24	29.9303	11.8686	1203.08	656.532	28.6217
25	30.6173	12.3048	1918.52	1046.95	28.6216
26	31.3043	12.7484	1687.74	921.012	28.6216
27	31.9912	13.1993	1458.33	795.82	28.6216
28	32.6782	13.6577	1230.88	671.703	28.6217
29	33.3652	14.1238	1947.55	1062.79	28.6216
30	34.0522	14.5976	1725.9	941.838	28.6217
31	34.7392	15.0792	1508.1	822.984	28.6217
32	35.4262	15.5689	1294.82	706.592	28.6216
33	36.1131	16.0666	2023.71	1104.35	28.6215
34	36.8001	16.5727	1821.48	993.998	28.6217
35	37.4871	17.0871	1625.85	887.24	28.6217
36	38.1741	17.6101	1437.54	784.476	28.6216
37	38.8611	18.1418	1259.77	687.469	28.6217
38	39.5481	18.6825	1088.37	593.934	28.6217
39	40.235	19.2321	926.608	505.657	28.6216
40	40.922	19.791	775.295	423.084	28.6216
41	41.609	20.3593	635.278	346.676	28.6216
42	42.296	20.9373	507.426	276.906	28.6216
43	42.983	21.525	392.635	214.264	28.6216
44	43.67	22.1228	291.832	159.255	28.6216
45	44.3569	22.7308	205.975	112.402	28.6216
46	45.0439	23.3493	136.055	74.2464	28.6217
47	45.7906	24.0337	66.6356	36.3636	28.6217
48	46.5373	24.7311	18.5095	10.1008	28.6217
49	47.284	25.4419	-6.90363	-3.76736	28.6216
50	48.0307	26.1664	-8.12421	-4.43345	28.6217
51	48.7773	26.905	0	0	0

Wall 11 - Seismic

Global Minimum Query (spencer) - Safety Factor: 1.56041

Slice Number	X coordinate [ft]	Y coordinate - Bottom [ft]	Interslice Normal Force [lbs]	Interslice Shear Force [lbs]	Interslice Force Angle [deg]
1	13.7513	3.46294	0	0	0
2	14.5277	3.74173	858.525	1807.54	64.5937
3	15.3041	4.02703	1950.95	4107.53	64.5937
4	16.0804	4.31891	2254.03	4745.63	64.5937
5	16.8568	4.61743	2475.94	5212.86	64.5938
6	17.6288	4.92088	2216.55	4666.73	64.5938
7	18.4008	5.23101	1948.48	4102.34	64.5938
8	19.1728	5.54787	1672.68	3521.66	64.5937
9	19.9447	5.87152	1390.03	2926.57	64.5937
10	20.7167	6.20203	2855.73	6012.46	64.5937
11	21.4887	6.53948	2561.96	5393.96	64.5938
12	22.2606	6.88391	2263.87	4766.36	64.5938
13	23.0326	7.23542	1962.24	4131.3	64.5937
14	23.8046	7.59407	1657.83	3490.4	64.5938
15	24.5766	7.95994	2962.99	6238.29	64.5938
16	25.3485	8.3331	2655.25	5590.36	64.5937
17	26.1205	8.71365	2346.9	4941.17	64.5938
18	26.8925	9.10166	2038.65	4292.18	64.5938
19	27.6645	9.49722	1731.18	3644.82	64.5937
20	28.4364	9.90042	1425.14	3000.49	64.5937
21	29.2084	10.3114	2589.91	5452.81	64.5938
22	29.9804	10.7301	2288.71	4818.65	64.5937
23	30.7523	11.1569	1990.87	4191.59	64.5938
24	31.5243	11.5916	1697.04	3572.95	64.5937
25	32.2963	12.0345	2794.64	5883.84	64.5937
26	33.0683	12.4857	2510.64	5285.91	64.5938
27	33.8402	12.9453	2232.48	4700.26	64.5937
28	34.6122	13.4133	1960.74	4128.15	64.5938
29	35.3842	13.89	1696.03	3570.83	64.5938
30	36.1562	14.3754	2735.25	5758.81	64.5938
31	36.9281	14.8698	2486.37	5234.82	64.5938
32	37.7001	15.3732	2246.29	4729.34	64.5937
33	38.4721	15.8857	2015.59	4243.62	64.5937
34	39.2441	16.4077	1794.85	3778.89	64.5938
35	40.016	16.9391	1584.67	3336.37	64.5938
36	40.788	17.4802	1385.62	2917.3	64.5938
37	41.56	18.0311	1198.3	2522.9	64.5937
38	42.4933	18.7105	971.012	2044.37	64.5937
39	43.4266	19.405	762.893	1606.2	64.5938
40	44.1028	19.9177	637.035	1341.22	64.5938
41	44.7791	20.4386	522.123	1099.28	64.5938
42	45.5389	21.0339	392.799	826.999	64.5937
43	46.2988	21.64	278.455	586.259	64.5937
44	47.0587	22.257	179.673	378.284	64.5938
45	47.8185	22.8852	97.0428	204.314	64.5937
46	48.5784	23.5249	31.1664	65.6179	64.5938
47	49.3383	24.1764	-17.3388	-36.5052	64.5938
48	50.0982	24.8398	-47.8341	-100.71	64.5937
49	50.858	25.5155	-59.6512	-125.59	64.5938
50	51.6179	26.2038	-52.0806	-109.651	64.5938
51	52.3778	26.905	0	0	0

