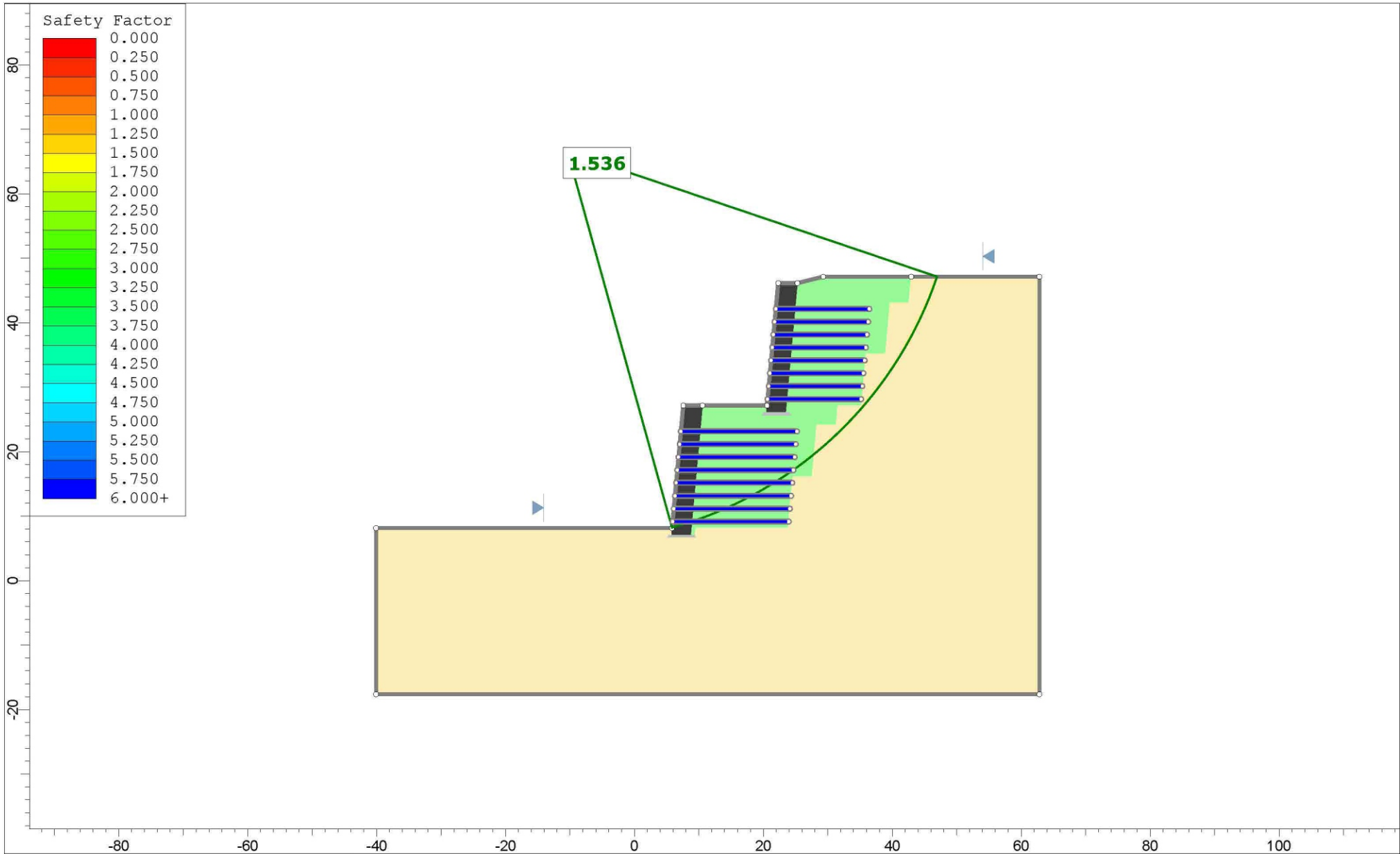


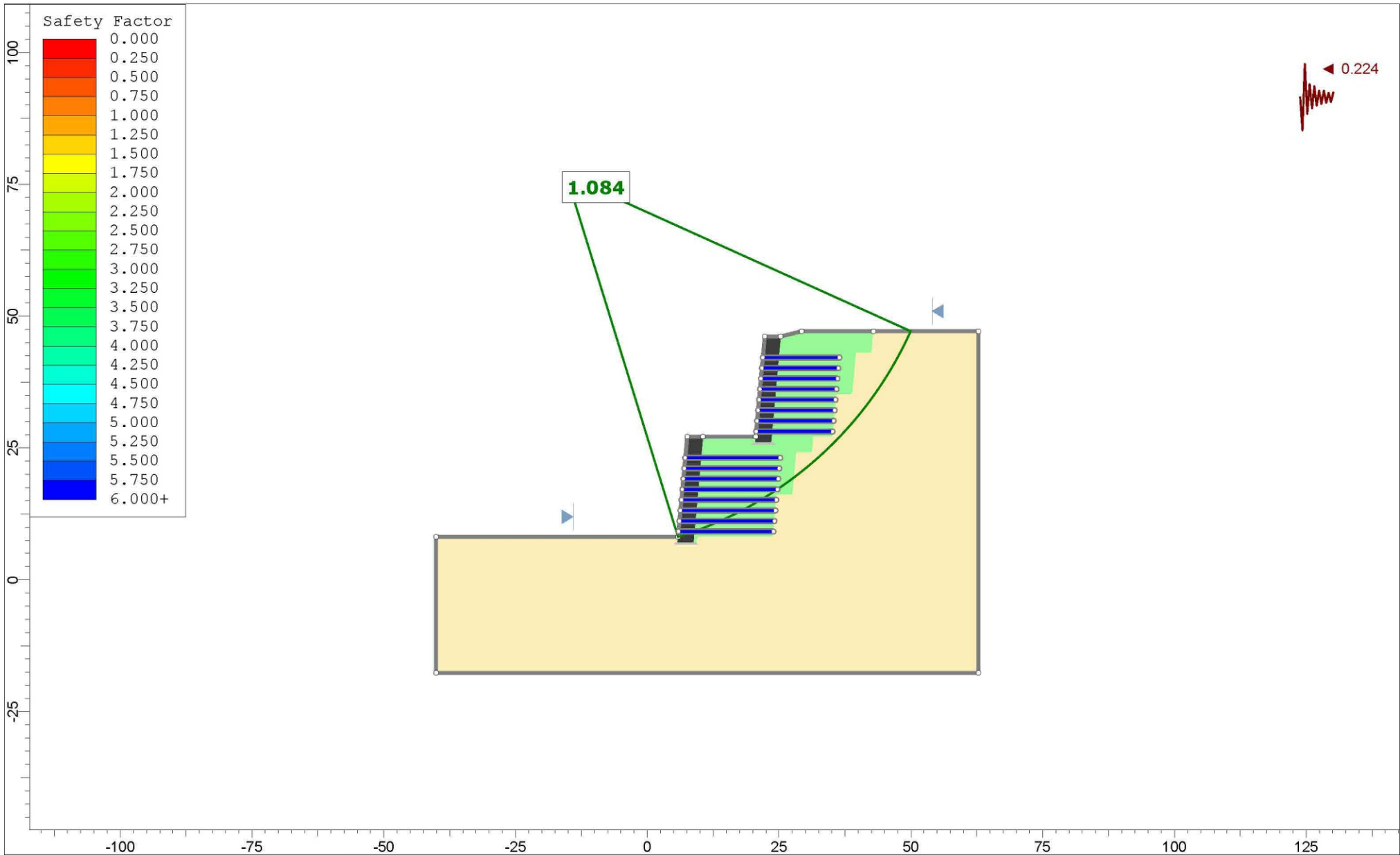
Appendix E

(Global Stability - Static & Seismic)

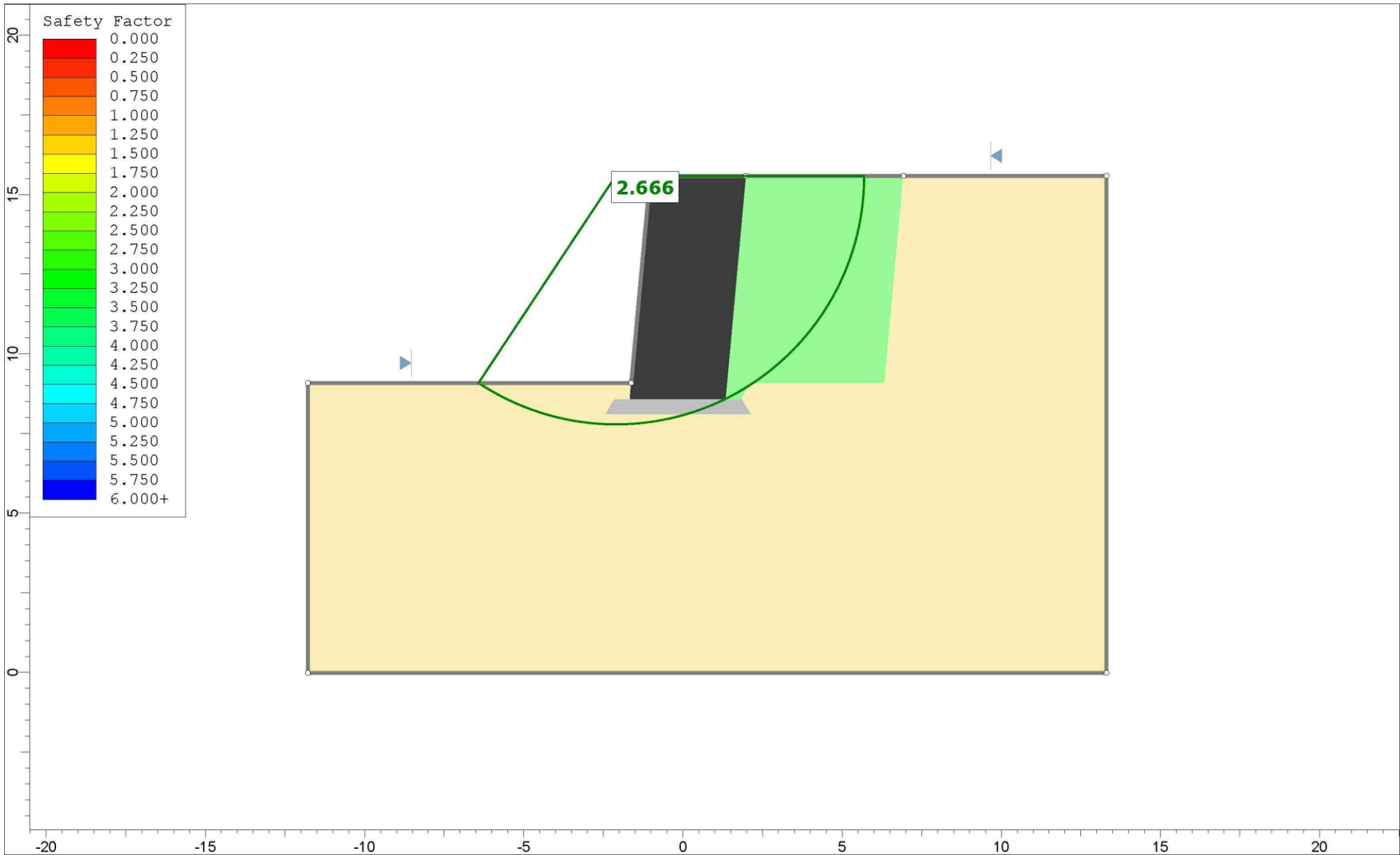




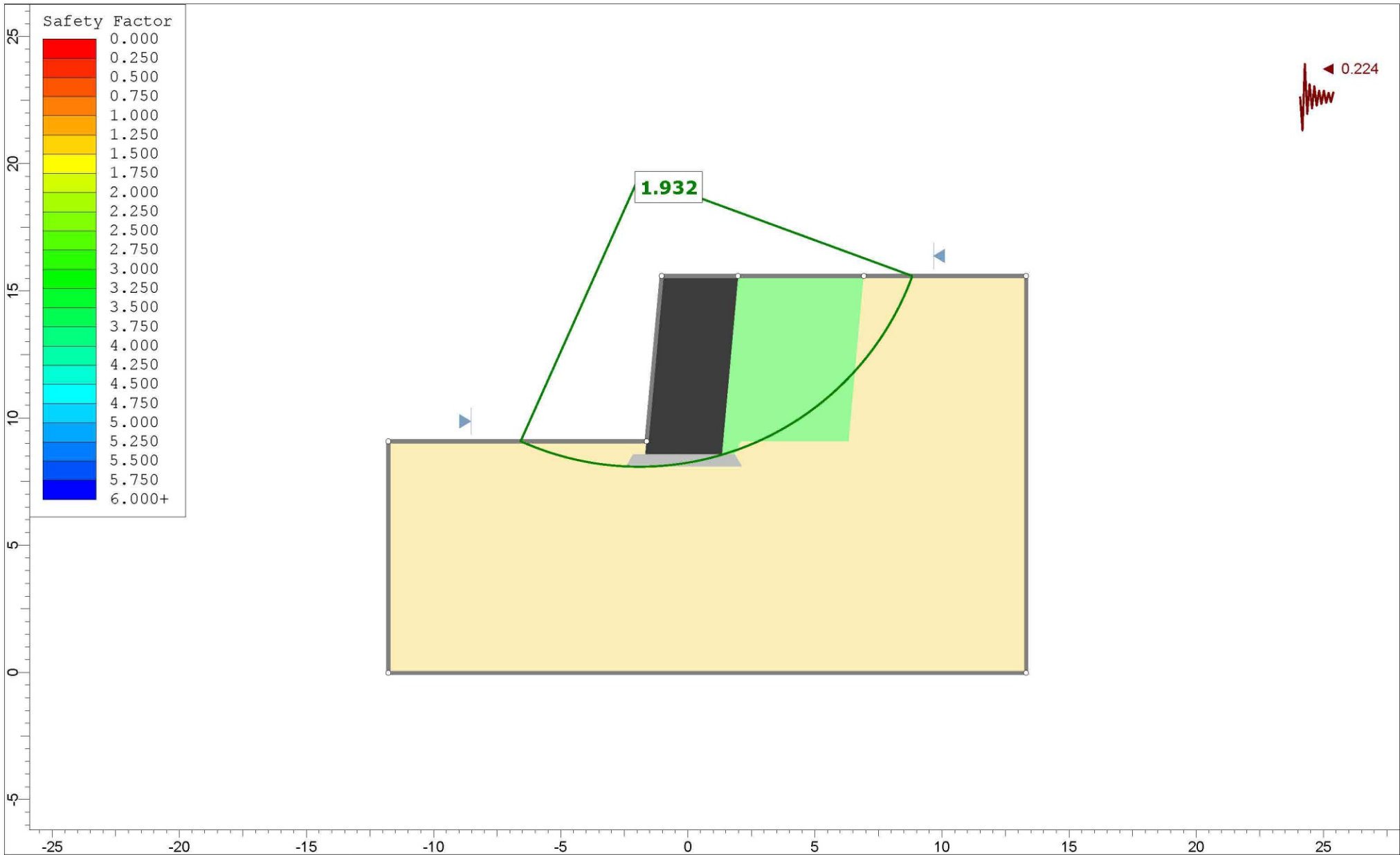
Project	Sundown Condos Phase 3		
Group	Walls 1 and 2 - Static	Scenario	Master Scenario
Drawn By	JAM	Company	AMMTEC Consultants, PLLC.
Date	4/29/2025, 10:26:18 AM	File Name	Slope Stability Analysis Phase 3.slmd



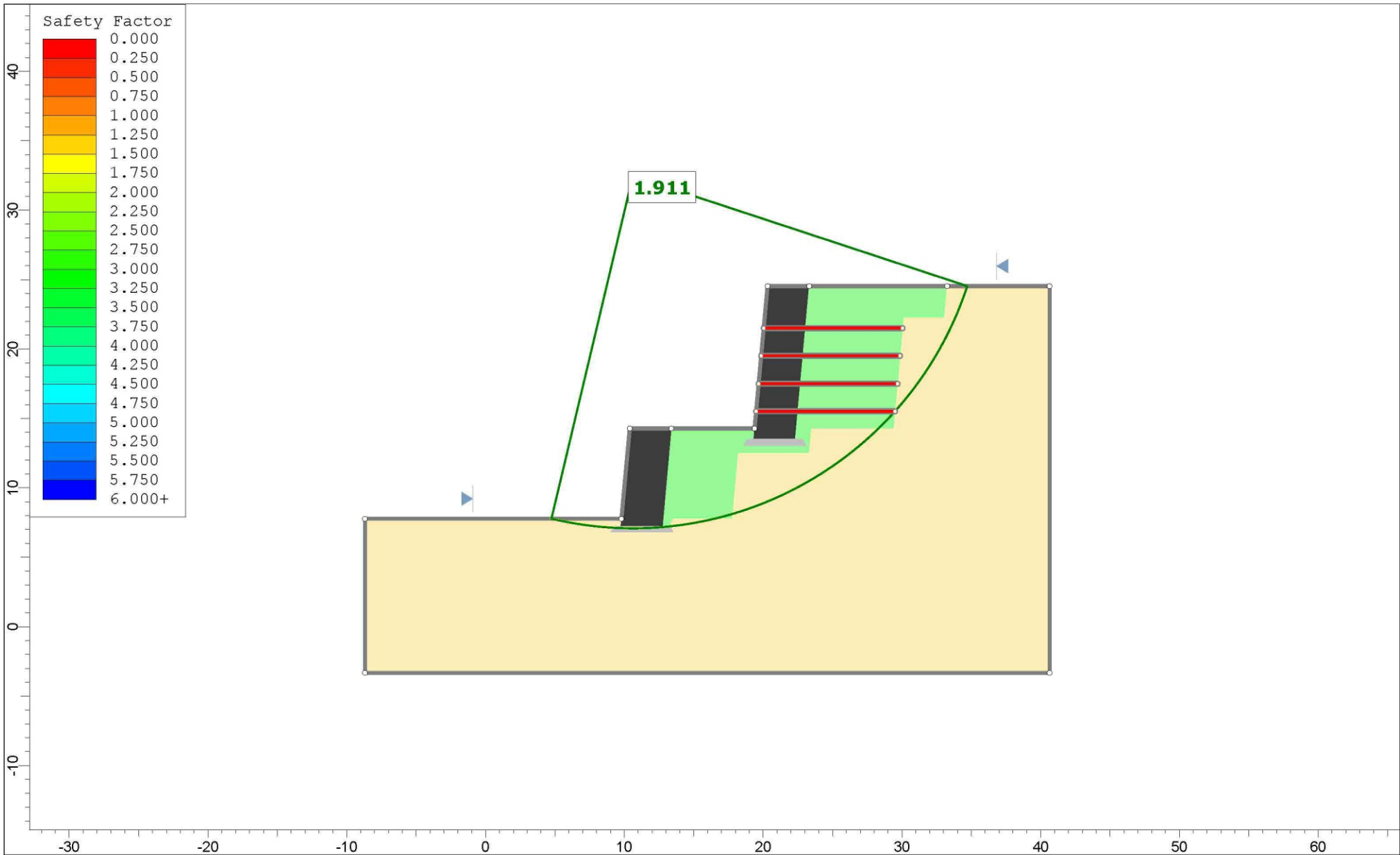
Project	Sundown Condos Phase 3		
Group	Walls 1 and 2 - Seismic	Scenario	Master Scenario
Drawn By	JAM	Company	AMMTEC Consultants, PLLC.
Date	4/29/2025, 10:26:18 AM	File Name	Slope Stability Analysis Phase 3.slmd



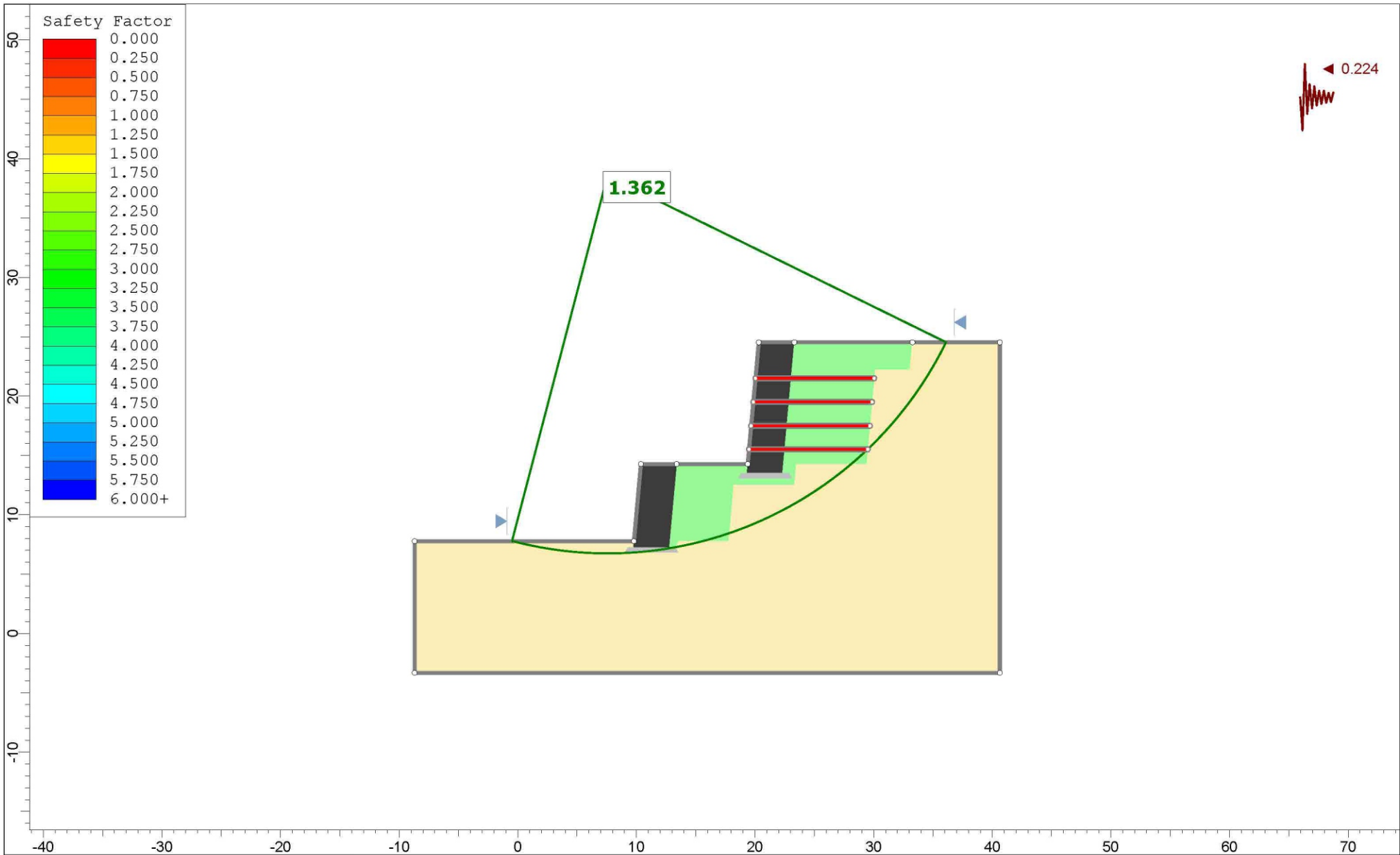
Project	Sundown Condos Phase 3		
Group	Wall 3 - Static	Scenario	Master Scenario
Drawn By	JAM	Company	AMMTEC Consultants, PLLC.
Date	4/29/2025, 10:26:18 AM	File Name	Slope Stability Analysis Phase 3.slmd



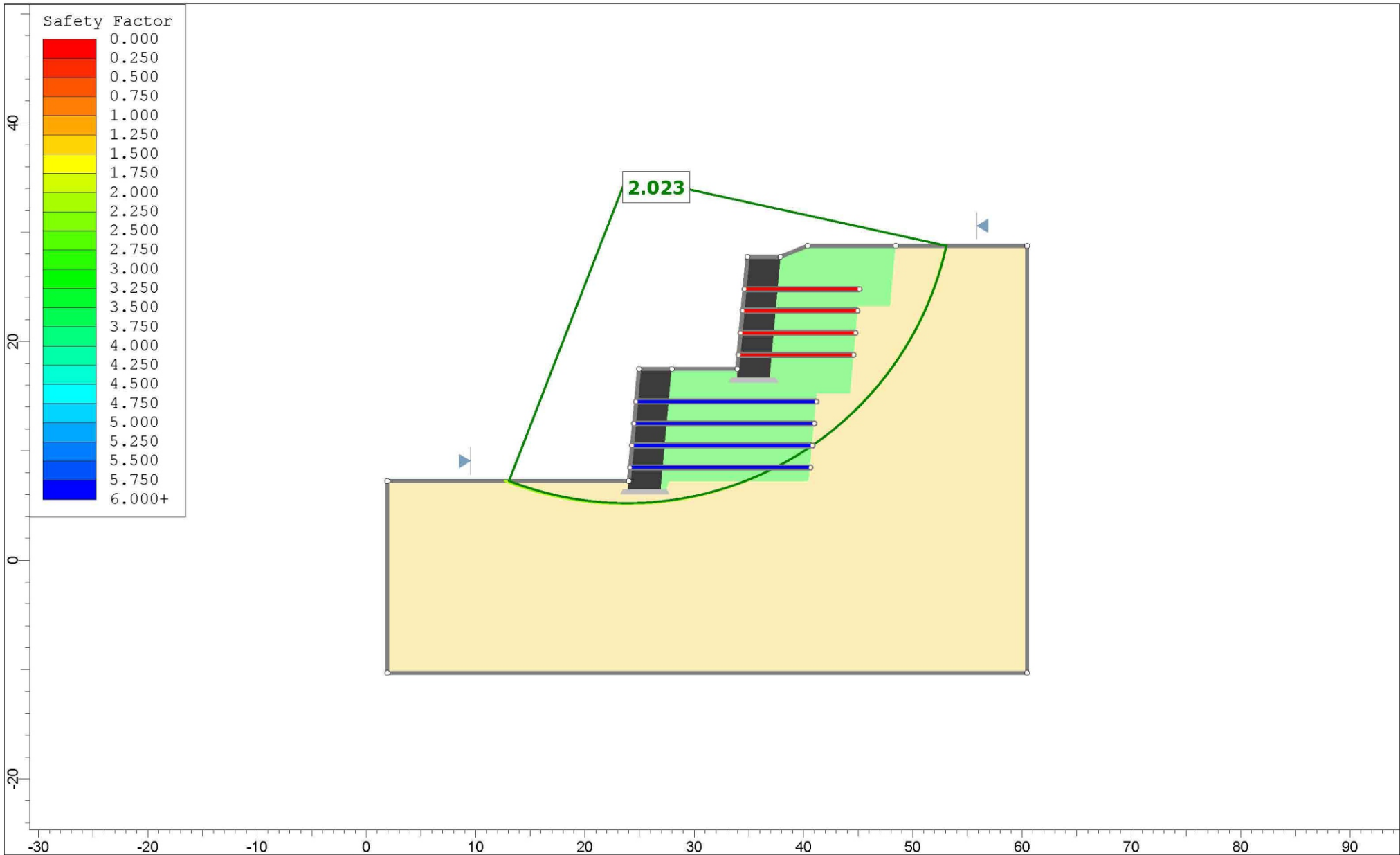
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	Group	Wall 3 - Seismic	Scenario	Master Scenario
	Drawn By	JAM	Company	AMMTEC Consultants, PLLC.
	Date	4/29/2025, 10:26:18 AM	File Name	Slope Stability Analysis Phase 3.slm
	SLIDEINTERPRET 9.038			

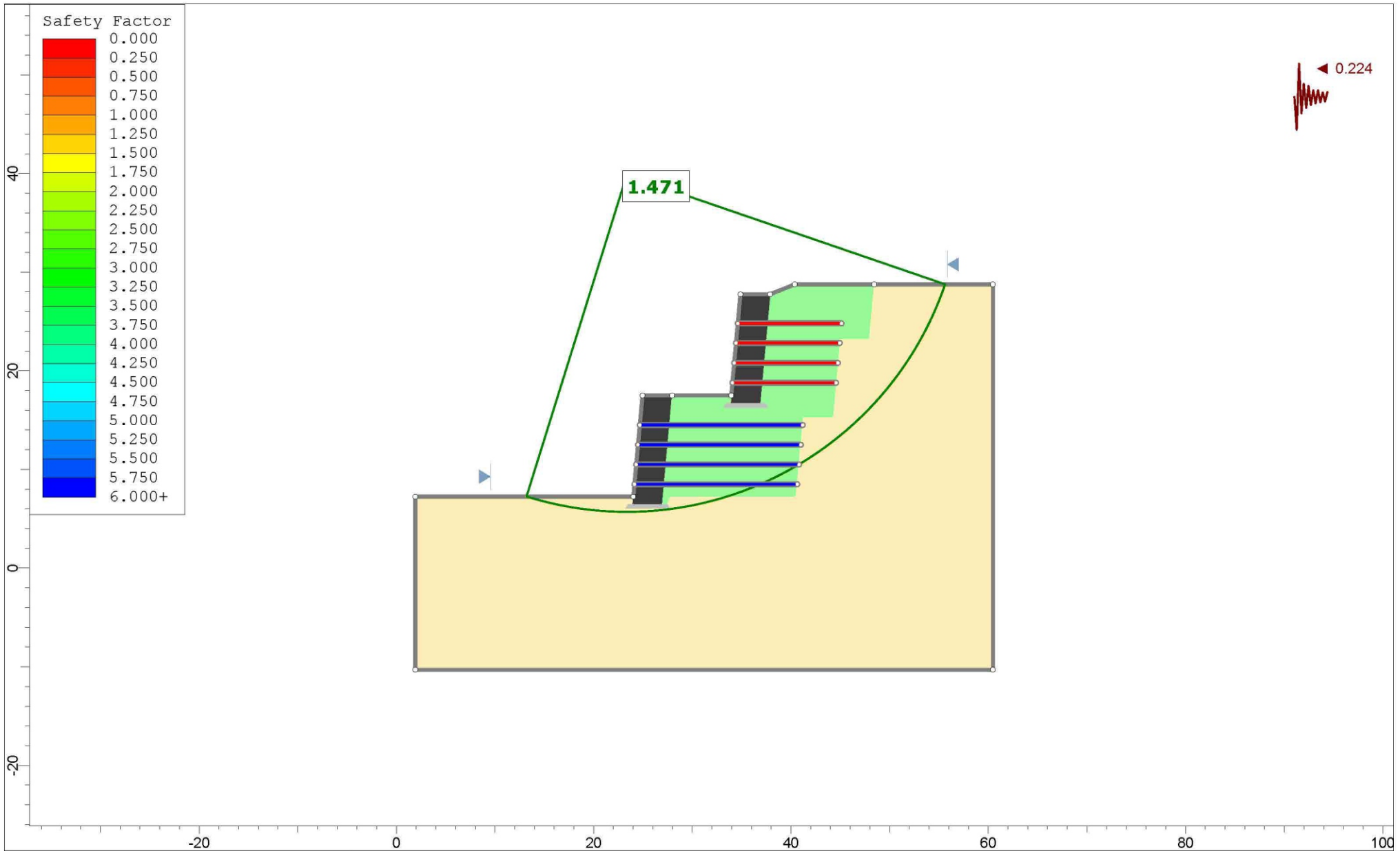


Project	Sundown Condos Phase 3		
Group	Walls 4 and 5 - Static	Scenario	Master Scenario
Drawn By	JAM	Company	AMMTEC Consultants, PLLC.
Date	4/29/2025, 10:26:18 AM	File Name	Slope Stability Analysis Phase 3.slmd

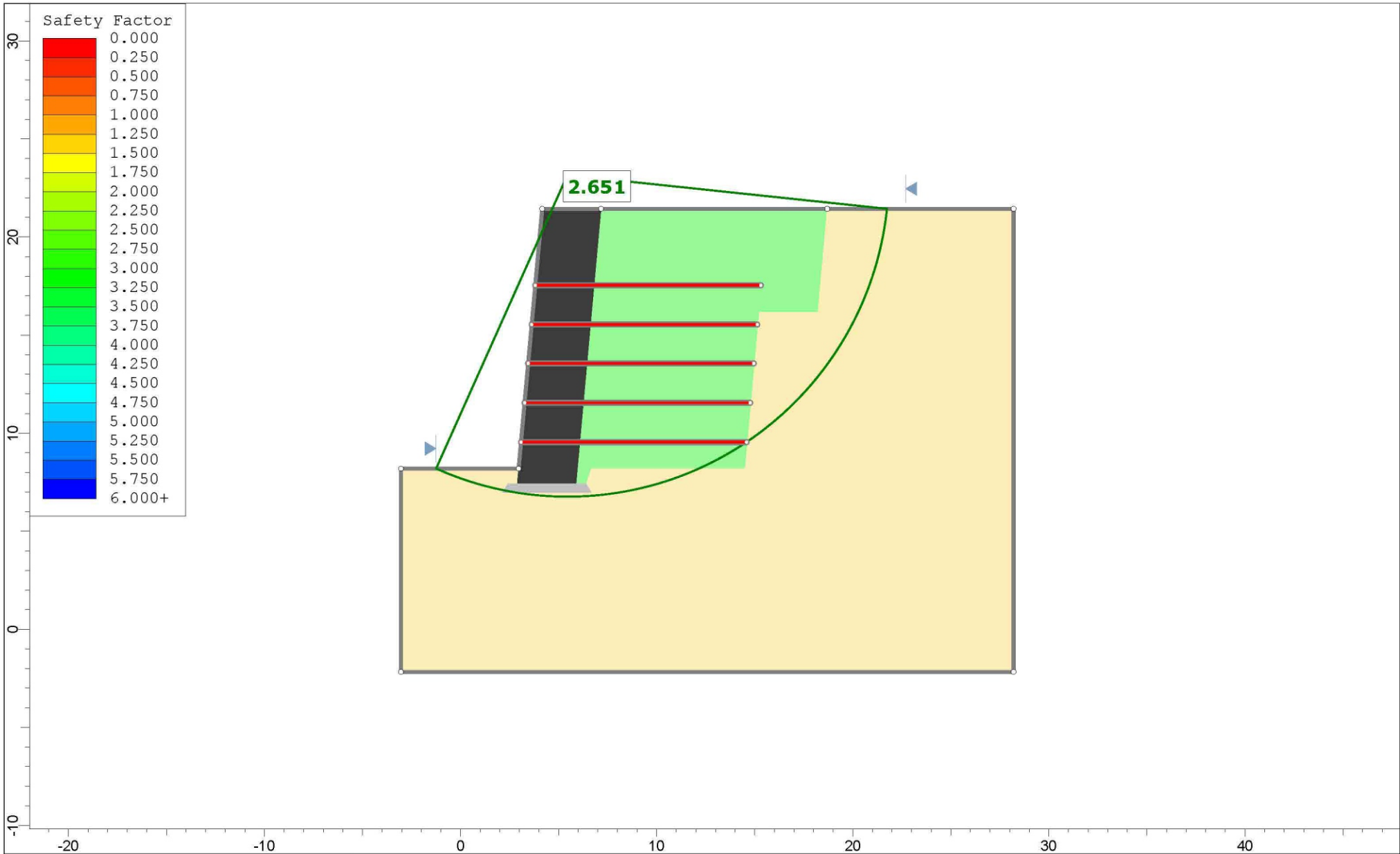


AMMTEC CONSULTANTS, PLLC CONSULTING ENGINEERING SERVICES SLIDEINTERPRET 9.038	Project		Sundown Condos Phase 3	
	Group	Walls 4 and 5 - Seismic	Scenario	Master Scenario
	Drawn By	JAM	Company	AMMTEC Consultants, PLLC.
	Date	4/29/2025, 10:26:18 AM	File Name	Slope Stability Analysis Phase 3.slmd

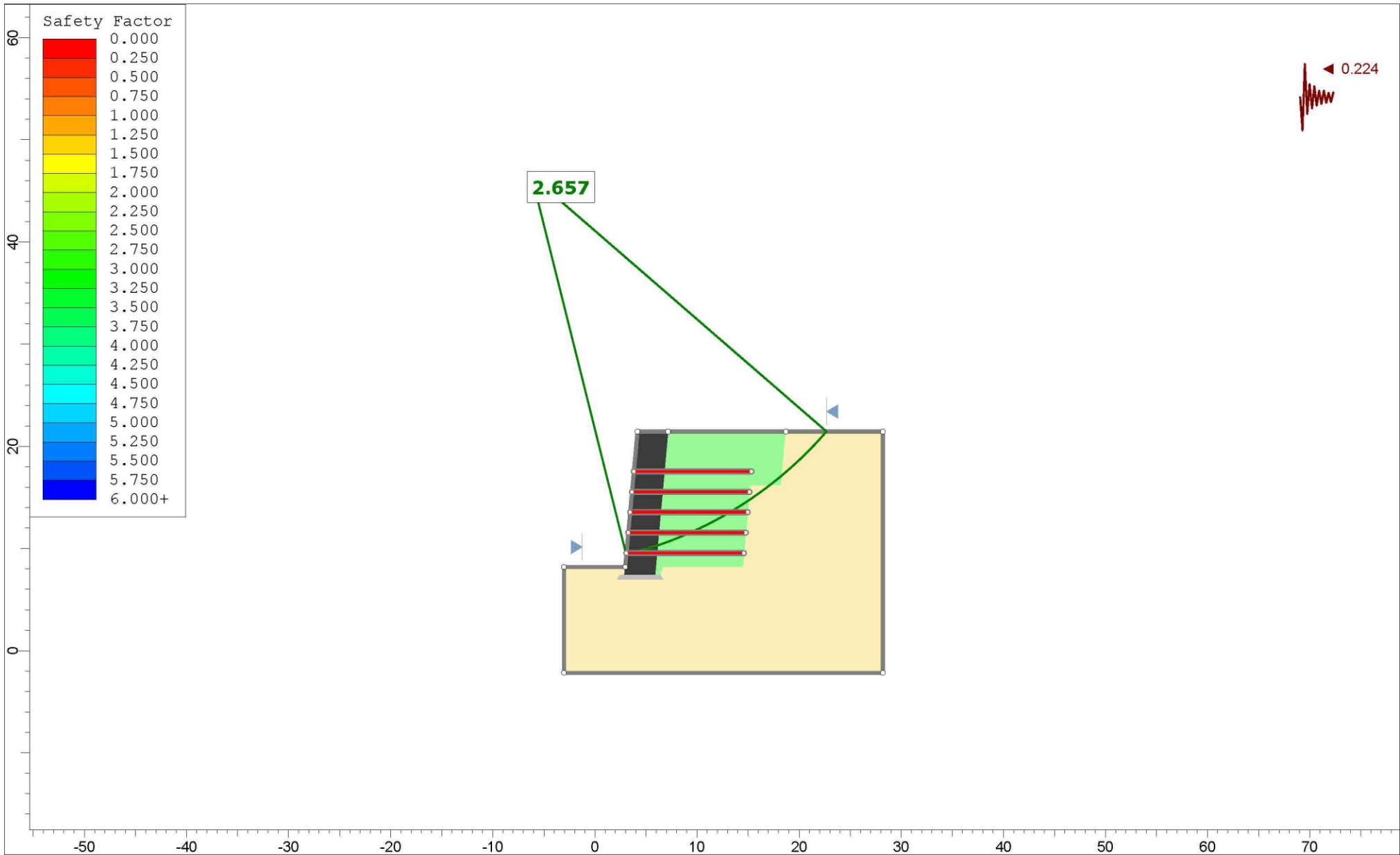




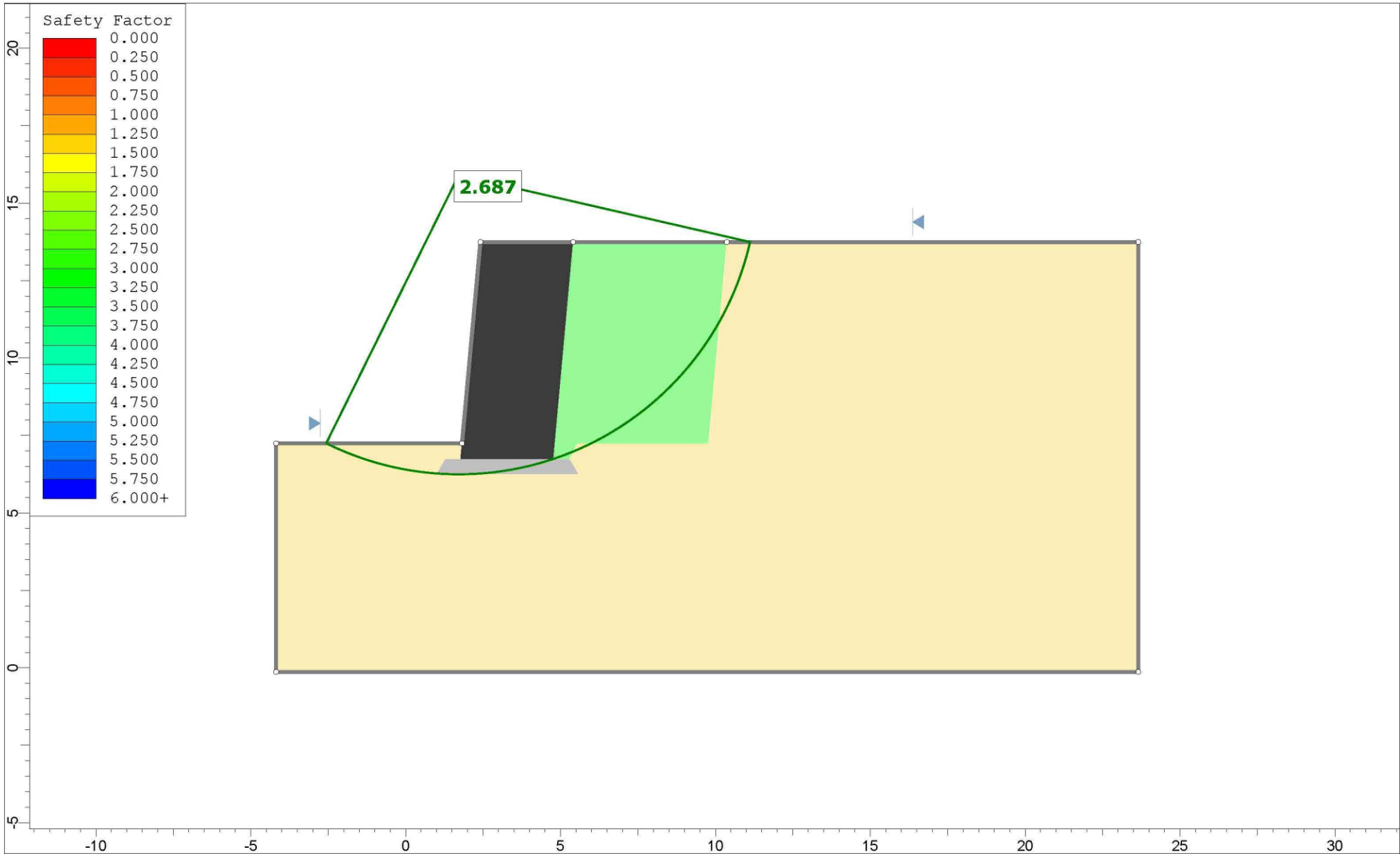
Project	Sundown Condos Phase 3		
Group	Wall 6 - Seismic	Scenario	Master Scenario
Drawn By	JAM	Company	AMMTEC Consultants, PLLC.
Date	4/29/2025, 10:26:18 AM	File Name	Slope Stability Analysis Phase 3.slm



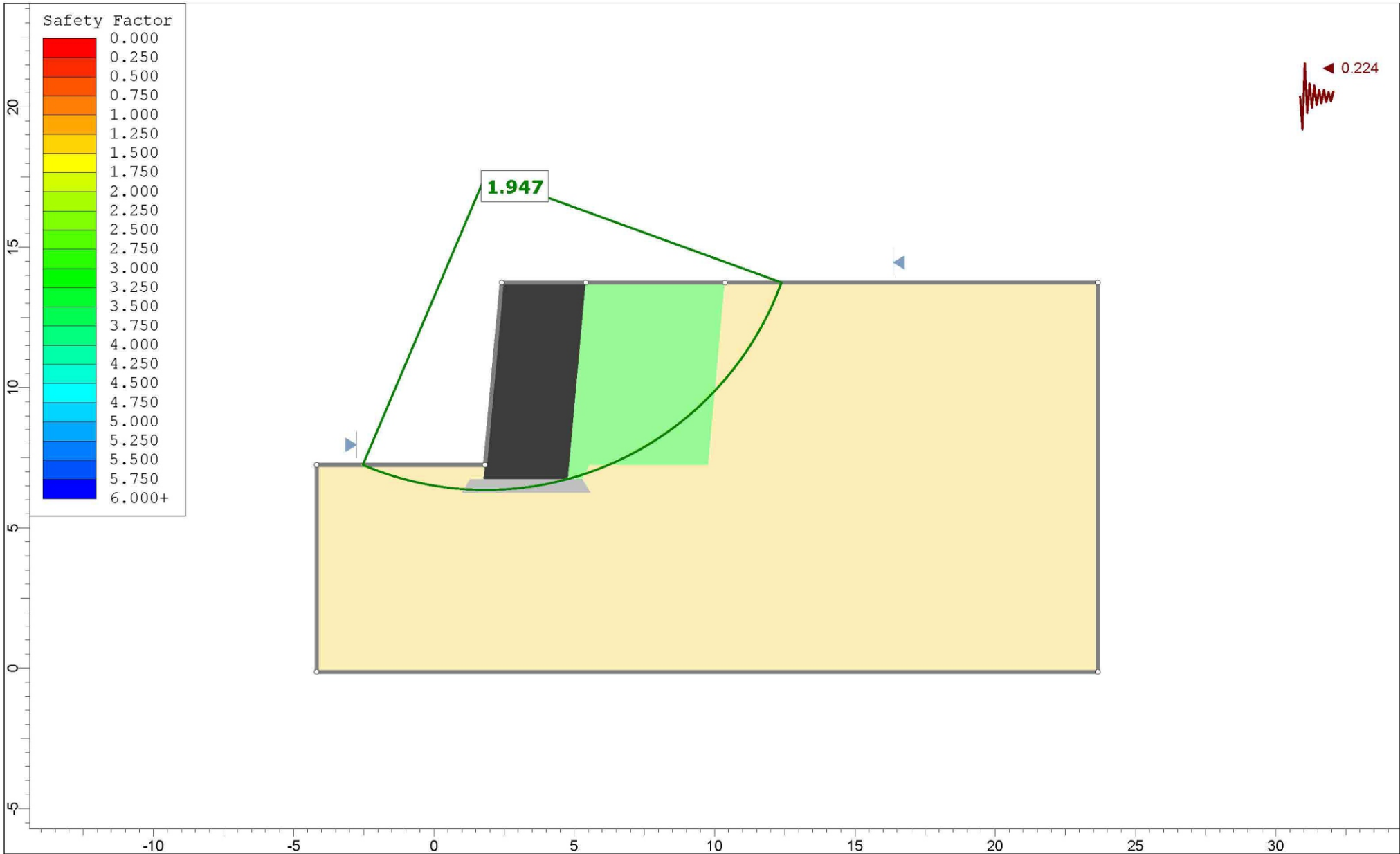
Project	Sundown Condos Phase 3		
Group	Wall 7 - Static	Scenario	Master Scenario
Drawn By	JAM	Company	AMMTEC Consultants, PLLC.
Date	4/29/2025, 10:26:18 AM	File Name	Slope Stability Analysis Phase 3.slmd



	Project		Sundown Condos Phase 3	
	Group	Wall 7 - Seismic	Scenario	Master Scenario
	Drawn By	JAM	Company	AMMTEC Consultants, PLLC.
	Date	4/29/2025, 10:26:18 AM	File Name	Slope Stability Analysis Phase 3.slm
	SLIDEINTERPRET 9.038			



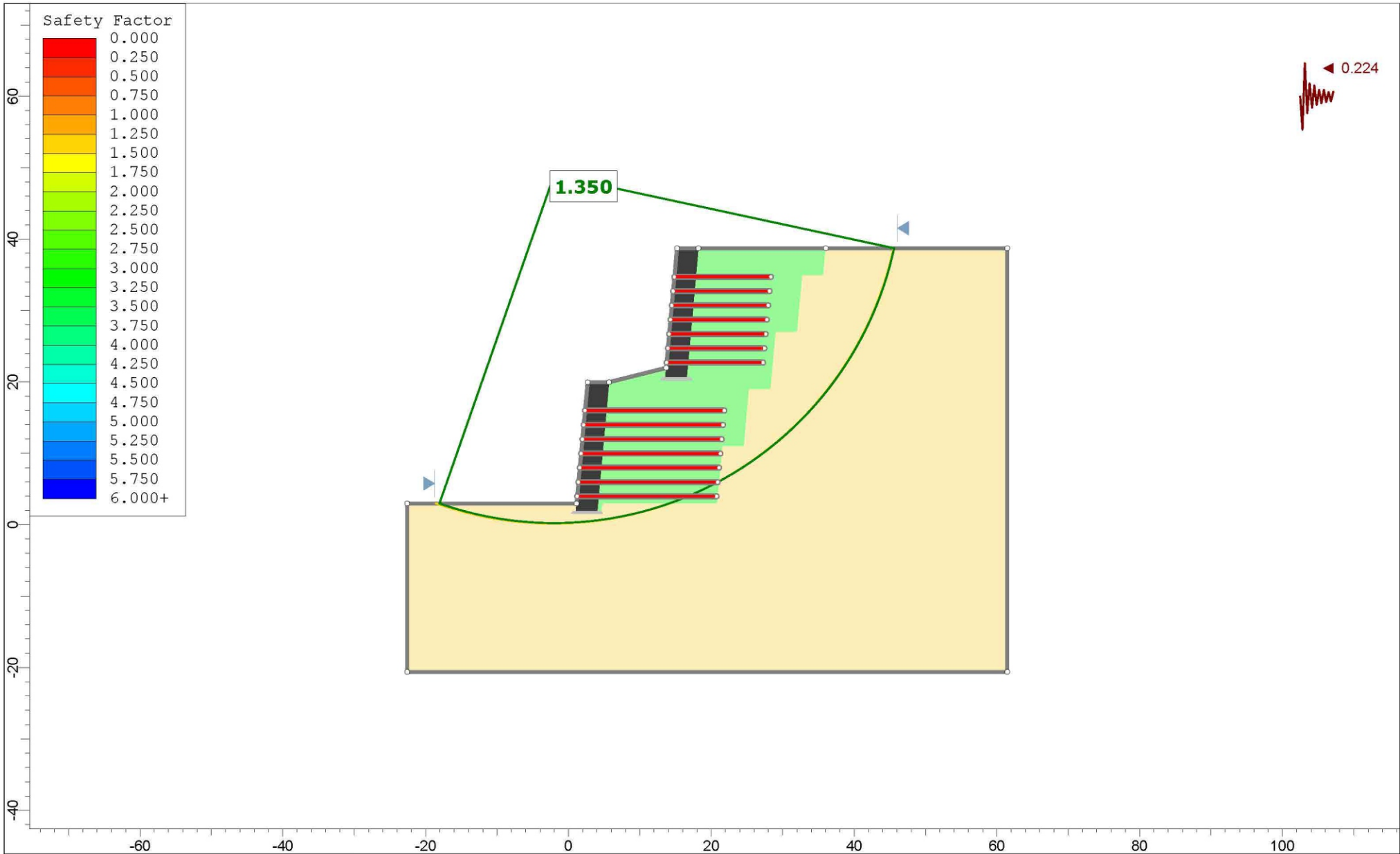
	Project		Sundown Condos Phase 3	
	Group	Wall 8 - Static	Scenario	Master Scenario
	Drawn By	JAM	Company	AMMTEC Consultants, PLLC.
	Date	4/29/2025, 10:26:18 AM	File Name	Slope Stability Analysis Phase 3.slmd
	SLIDEINTERPRET 9.038			



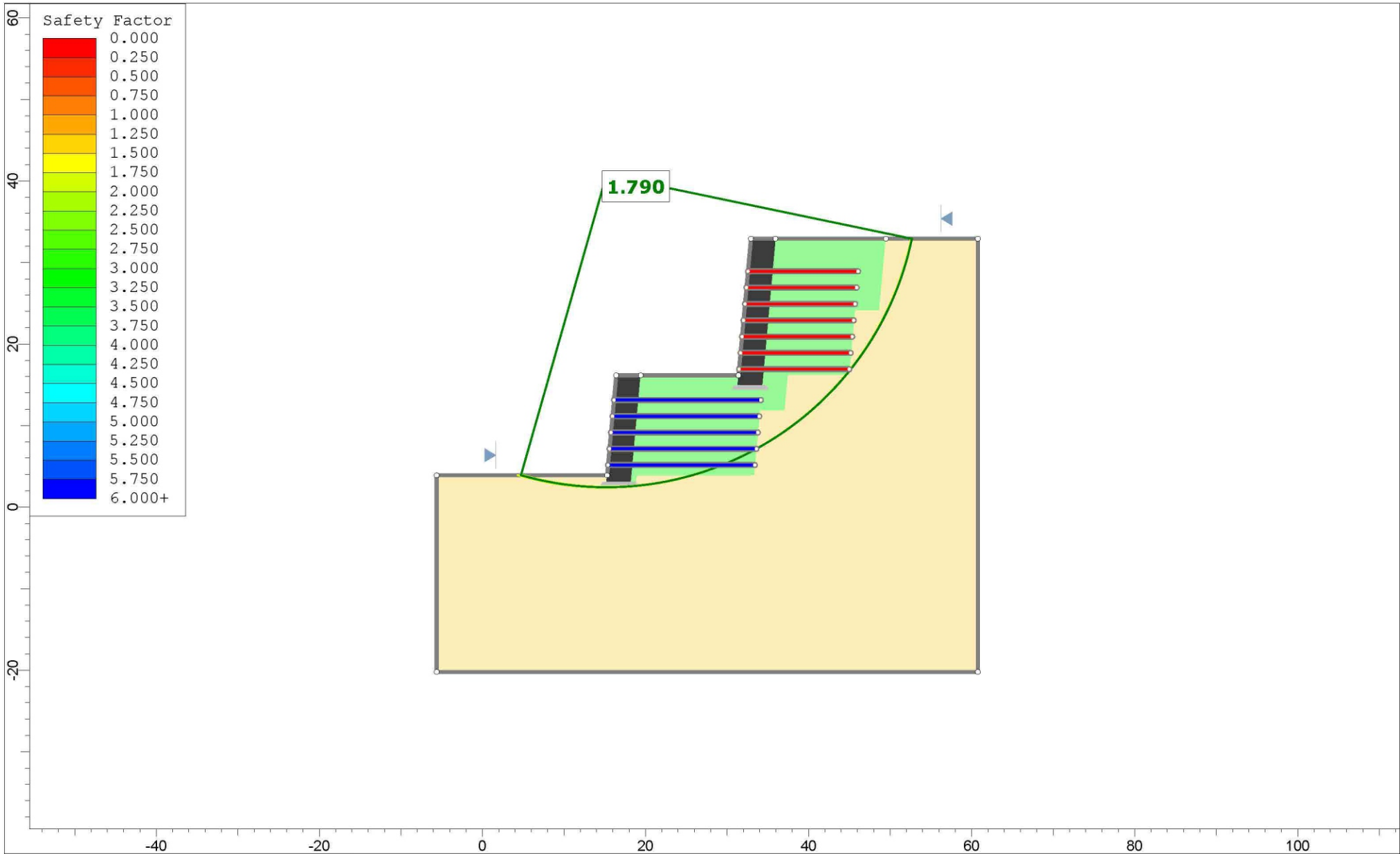
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Group	Wall 8 - Seismic	Scenario	Master Scenario
Drawn By	JAM	Company	AMMTEC Consultants, PLLC.
Date	4/29/2025, 10:26:18 AM	File Name	Slope Stability Analysis Phase 3.slmd



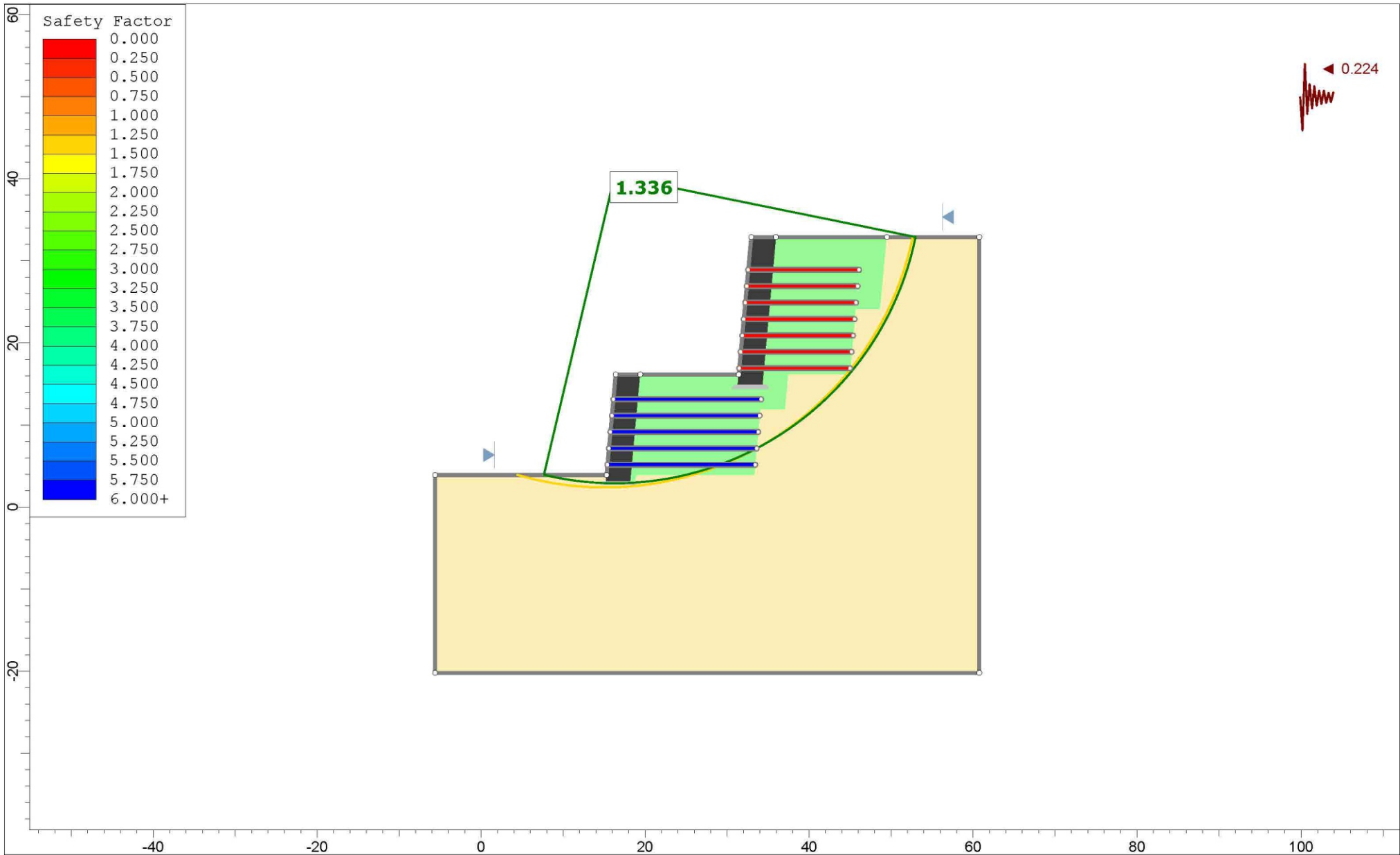
 SLIDEINTERPRET 9.038	Project		Sundown Condos Phase 3	
	Group	Walla 9a and 9b - Static	Scenario	Master Scenario
	Drawn By	JAM	Company	AMMTEC Consultants, PLLC.
	Date	4/29/2025, 10:26:18 AM	File Name	Slope Stability Analysis Phase 3.slmd



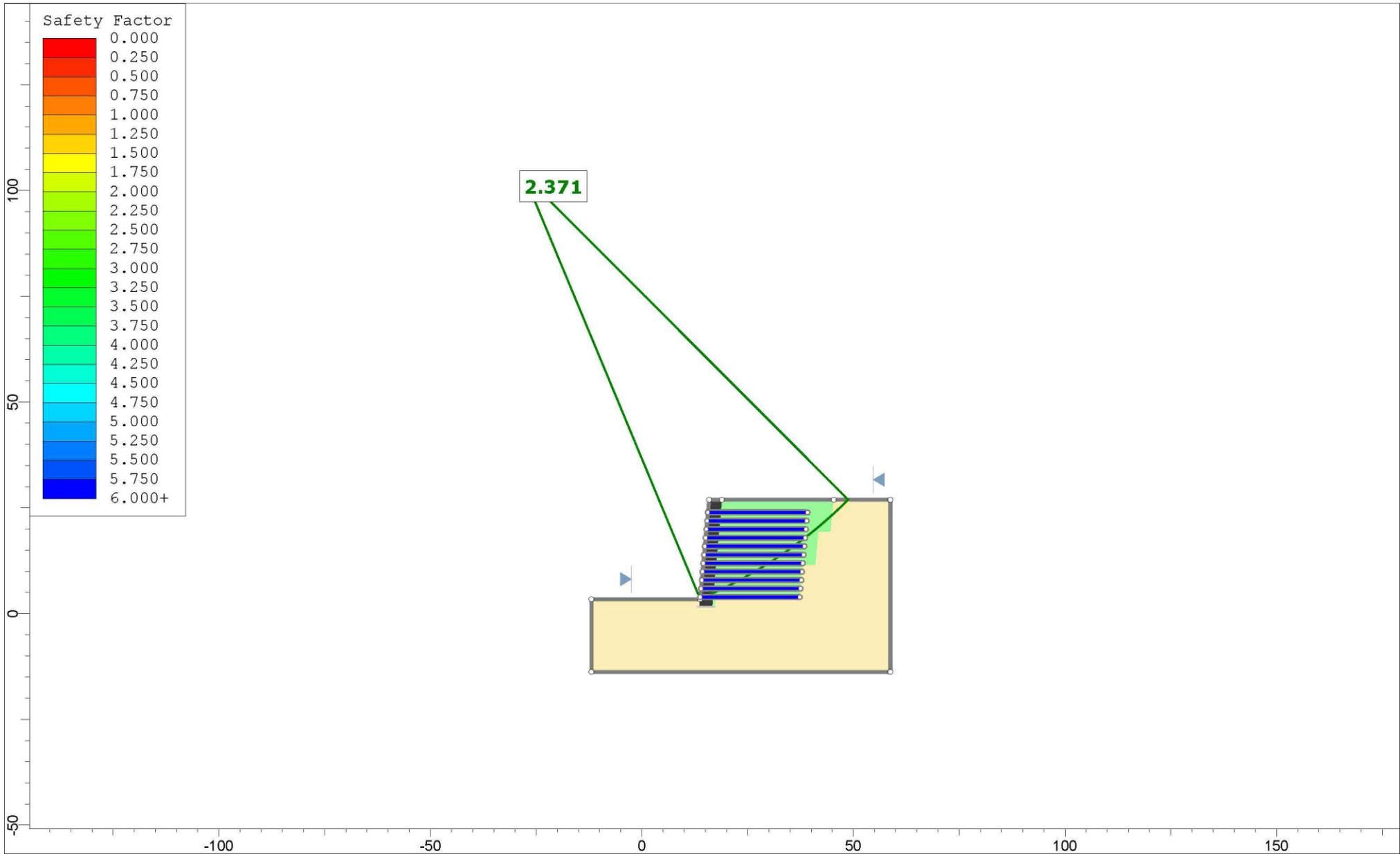
Project	Sundown Condos Phase 3		
Group	Walls 9a and 9b - Seismic	Scenario	Master Scenario
Drawn By	JAM	Company	AMMTEC Consultants, PLLC.
Date	4/29/2025, 10:26:18 AM	File Name	Slope Stability Analysis Phase 3.slmd



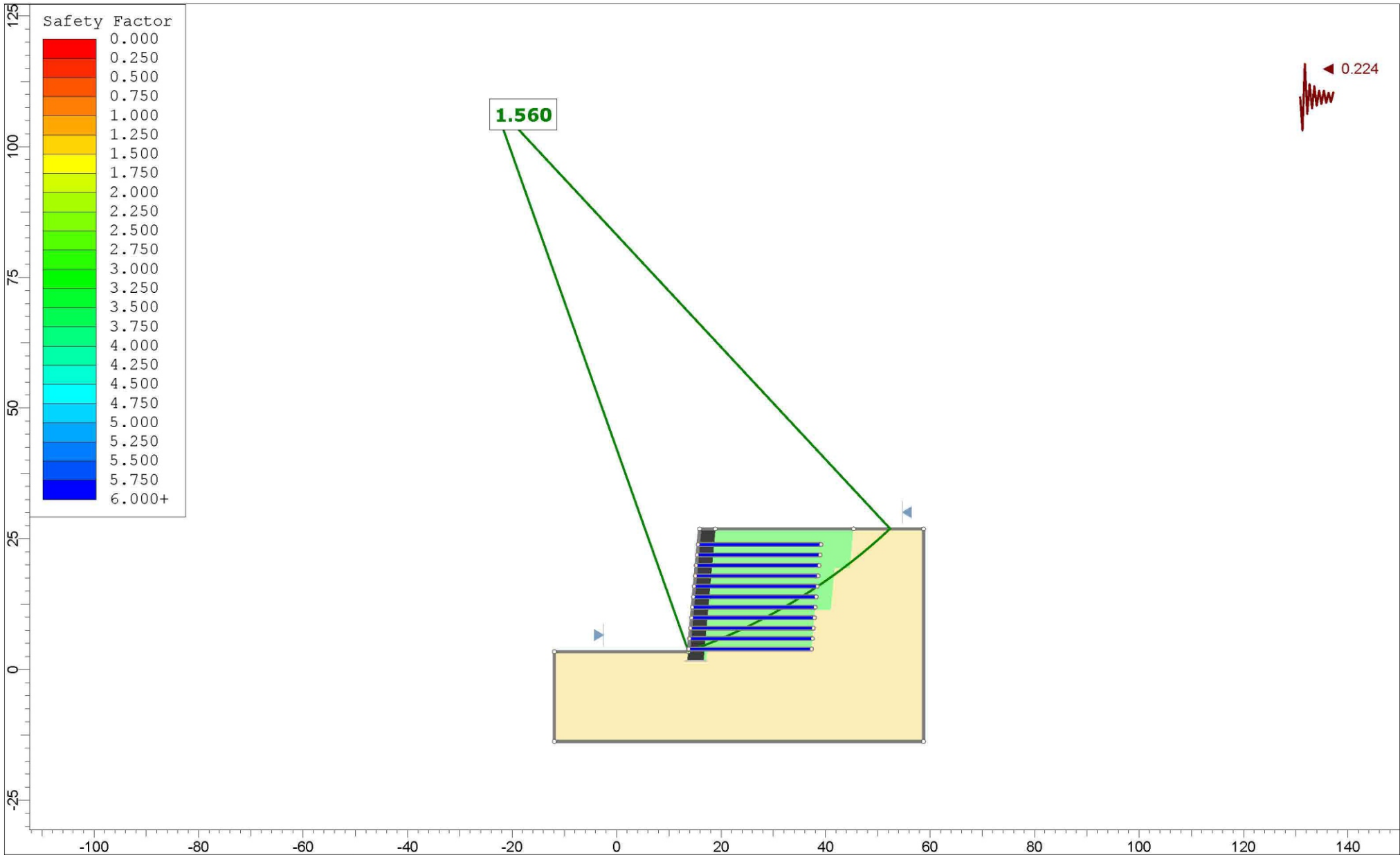
 CONSULTING ENGINEERING SERVICES SLIDEINTERPRET 9.038	Project		Sundown Condos Phase 3	
	Group		Walls 9a and 10 - Static	Scenario
				Master Scenario
	Drawn By		JAM	Company
				AMMTEC Consultants, PLLC.
	Date	4/29/2025, 10:26:18 AM	File Name	Slope Stability Analysis Phase 3.slmd



	Project		Sundown Condos Phase 3	
	Group	Walls 9a and 10 - Seismic	Scenario	Master Scenario
	Drawn By	JAM	Company	AMMTEC Consultants, PLLC.
	Date	4/29/2025, 10:26:18 AM	File Name	Slope Stability Analysis Phase 3.slm
	SLIDEINTERPRET 9.038			



Project	Sundown Condos Phase 3		
Group	Wall 11 - Static	Scenario	Master Scenario
Drawn By	JAM	Company	AMMTEC Consultants, PLLC.
Date	4/29/2025, 10:26:18 AM	File Name	Slope Stability Analysis Phase 3.slmd



AMMTEC CONSULTANTS, PLLC <i>CONSULTING ENGINEERING SERVICES</i> SLIDEINTERPRET 9.038	Project		Sundown Condos Phase 3	
	Group		Wall 11 - Seismic	Scenario Master Scenario
	Drawn By		JAM	Company AMMTEC Consultants, PLLC.
	Date		4/29/2025, 10:26:18 AM	File Name Slope Stability Analysis Phase 3.slmd

Project Summary

File Name: Slope Stability Analysis Phase 3.slmd
 Slide2 Modeler Version: 9.038
 Project Title: Sundown Condos Phase 2
 Author: JAM
 Company: AMMTEC Consultants, PLLC.
 Date Created: 4/29/2025, 10:26:18 AM

Currently Open Scenarios

Group Name	Scenario Name	Global Minimum	Compute Time
Walls 1 and 2 -  Static	Master Scenario	Spencer: 1.535620	00h:00m:01.760s
Walls 1 and 2 -  Seismic	Master Scenario	Spencer: 1.083800	00h:00m:03.262s
Wall 3 - Static 	Master Scenario	Spencer: 2.665840	00h:00m:01.383s
Wall 3 -  Seismic	Master Scenario	Spencer: 1.931730	00h:00m:01.844s
Walls 4 and 5 -  Static	Master Scenario	Spencer: 1.911010	00h:00m:01.272s
Walls 4 and 5 -  Seismic	Master Scenario	Spencer: 1.362270	00h:00m:02.450s
Wall 6 - Static 	Master Scenario	Spencer: 2.023190	00h:00m:01.256s
Wall 6 -  Seismic	Master Scenario	Spencer: 1.471000	00h:00m:01.756s
Wall 7 - Static 	Master Scenario	Spencer: 2.650900	00h:00m:01.261s
Wall 7 -  Seismic	Master Scenario	Spencer: 2.657350	00h:00m:01.758s
Wall 8 - Static 	Master Scenario	Spencer: 2.686760	00h:00m:01.154s
Wall 8 -  Seismic	Master Scenario	Spencer: 1.947220	00h:00m:01.582s
Walla 9a and 9b - Static 	Master Scenario	Spencer: 1.761980	00h:00m:01.335s
Walls 9a and 9b - Seismic 	Master Scenario	Spencer: 1.349820	00h:00m:01.871s
Walls 9a and 10 - Static 	Master Scenario	Spencer: 1.789930	00h:00m:01.559s
Walls 9a and 10 - Seismic 	Master Scenario	Spencer: 1.335870	00h:00m:02.313s
Wall 11 - Static 	Master Scenario	Spencer: 2.370550	00h:00m:01.227s
Wall 11 -  Seismic	Master Scenario	Spencer: 1.560410	00h:00m:02.878s

General Settings

Units of Measurement:

Time Units:

Permeability Units:

Data Output:

Failure Direction:

Imperial Units

days

feet/second

Standard

Right to Left

Analysis Options

All Open Scenarios

Slices Type:	Vertical
Analysis Methods Used	
	Spencer
Number of slices:	50
Tolerance:	0.005
Maximum number of iterations:	75
Check malpha < 0.2:	Yes
Create Interslice boundaries at intersections with water tables and piezos:	Yes
Initial trial value of FS:	1
Steffensen Iteration:	Yes

Materials

Mass Wasting Colluvium

Color	
Strength Type	Mohr-Coulomb
Unit Weight	120 lbs/ft ³
Cohesion	100 psf
Phi	38 °
Water Surface	Assigned per scenario
Ru Value	0

Gravel

Color	
Strength Type	Mohr-Coulomb
Unit Weight	135 lbs/ft ³
Cohesion	0 psf
Phi	40 °
Water Surface	Assigned per scenario
Ru Value	0

Verti-Block

Color	
Strength Type	Mohr-Coulomb
Unit Weight	120 lbs/ft ³
Cohesion	3000 psf
Phi	0 °
Water Surface	Assigned per scenario
Ru Value	0

Reinforced Fill

Color	
Strength Type	Mohr-Coulomb
Unit Weight	120 lbs/ft ³
Cohesion	135 psf
Phi	38 °
Water Surface	Assigned per scenario
Ru Value	0

Materials In Use

Material	Wall 1 and 2 - Stat ic	Wall 1 and 2 - Seis mic	Wall 3 - Stat ic	Wall 3 - Seis mic	Wall 4 and 5 - Stat ic	Wall 4 and 5 - Seis mic	Wall 6 - Stat ic	Wall 6 - Seis mic	Wall 7 - Stat ic	Wall 7 - Seis mic	Wall 8 - Stat ic	Wall 8 - Seis mic	Wall 9a and 9b - Stat ic	Wall 9a and 9b - Seis mic	Wall 10 - Stat ic	Wall 10 - Seis mic	Wall 11 - Stat ic	Wall 11 - Seis mic
Mass Collu	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Grave	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Verti	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Reinf	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Support

Mirafi 5XT

Color	
Type	Geosynthetic
Force Application	Passive (Method B)
Force Orientation	Bisector of Parallel and Tangent
Selected Manufacturer	ACEGrid GG60-I
Ultimate Tensile Strength	4111 lbs/ft
Creep Reduction Factor (RFcr)	1.44
Installation Damage Factor (RFid)	1.05
Deterioration in Service Factor (RFd)	1.1
Factor of Safety (Fr)	1.1
Strip Coverage (%)	100
Long Term Design Strength	2471.93 lbs/ft
Anchorage	None
Input Type	Friction Angle & Adhesion
Shear Strength Model	Linear
Adhesion	0 psf
Friction Angle	34 °
Material Dependent	No
Use External Loads in Strength Computation	Yes
Consider Sliding Along Interface	No

Mirafi 8XT

Color	
Type	Geosynthetic
Force Application	Passive (Method B)
Force Orientation	Bisector of Parallel and Tangent
Selected Manufacturer	ACEGrid GG120-I
Ultimate Tensile Strength	8223 lbs/ft
Creep Reduction Factor (RFcr)	1.43
Installation Damage Factor (RFid)	1
Deterioration in Service Factor (RFd)	1.1
Factor of Safety (Fr)	1.05
Strip Coverage (%)	100
Long Term Design Strength	5227.34 lbs/ft
Anchorage	None
Input Type	Friction Angle & Adhesion
Shear Strength Model	Linear
Adhesion	0 psf
Friction Angle	34 °
Material Dependent	No
Use External Loads in Strength Computation	Yes
Consider Sliding Along Interface	No

Global Minimums

◆ Walls 1 and 2 - Static

Method: spencer

FS	1.535620
Center:	-10.371, 66.528
Radius:	60.521
Left Slip Surface Endpoint:	5.847, 8.220
Right Slip Surface Endpoint:	46.963, 47.148
Resisting Moment:	4.86182e+06 lb-ft
Driving Moment:	3.16604e+06 lb-ft
Resisting Horizontal Force:	66188.7 lb
Driving Horizontal Force:	43102.4 lb
Passive Support Moment:	595190 lb-ft
Passive Horizontal Support Force:	9832.74 lb
Maximum Single Support Force:	2471.93 lb
Total Support Force:	10098.7 lb
Total Slice Area:	734.856 ft ²
Surface Horizontal Width:	41.1157 ft
Surface Average Height:	17.8729 ft

◆ Walls 1 and 2 - Seismic

Method: spencer

FS	1.083800
Center:	-15.305, 76.607
Radius:	71.648
Left Slip Surface Endpoint:	5.841, 8.151
Right Slip Surface Endpoint:	50.006, 47.148
Resisting Moment:	5.2828e+06 lb-ft
Driving Moment:	4.87434e+06 lb-ft
Resisting Horizontal Force:	63078 lb
Driving Horizontal Force:	58200.9 lb
Passive Support Moment:	690581 lb-ft
Passive Horizontal Support Force:	9632.77 lb
Maximum Single Support Force:	2471.93 lb
Total Support Force:	9887.72 lb
Total Slice Area:	778.089 ft ²
Surface Horizontal Width:	44.1648 ft
Surface Average Height:	17.6179 ft

◆ Wall 3 - Static

Method: spencer

FS	2.665840
Center:	-2.108, 15.584
Radius:	7.800
Left Slip Surface Endpoint:	-6.420, 9.084
Right Slip Surface Endpoint:	5.692, 15.584
Resisting Moment:	47790.2 lb-ft
Driving Moment:	17926.9 lb-ft
Resisting Horizontal Force:	4973 lb
Driving Horizontal Force:	1865.45 lb
Total Slice Area:	46.3858 ft ²
Surface Horizontal Width:	12.1124 ft
Surface Average Height:	3.82961 ft

◆ Wall 3 - Seismic

Method: spencer

FS	1.931730
Center:	-1.902, 19.521
Radius:	11.436
Left Slip Surface Endpoint:	-6.575, 9.084
Right Slip Surface Endpoint:	8.835, 15.584
Resisting Moment:	78662.6 lb-ft
Driving Moment:	40721.3 lb-ft
Resisting Horizontal Force:	6097.24 lb
Driving Horizontal Force:	3156.36 lb
Total Slice Area:	57.9461 ft ²
Surface Horizontal Width:	15.4105 ft
Surface Average Height:	3.76016 ft

◆ Walls 4 and 5 - Static

Method: spencer

FS	1.911010
Center:	10.611, 32.470
Radius:	25.383
Left Slip Surface Endpoint:	4.743, 7.775
Right Slip Surface Endpoint:	34.719, 24.525
Resisting Moment:	580589 lb-ft
Driving Moment:	303812 lb-ft
Resisting Horizontal Force:	19480.4 lb
Driving Horizontal Force:	10193.7 lb
Passive Support Moment:	105.29 lb-ft
Passive Horizontal Support Force:	4.17968 lb
Maximum Single Support Force:	4.55936 lb
Total Support Force:	4.55936 lb
Total Slice Area:	218.98 ft ²
Surface Horizontal Width:	29.9756 ft
Surface Average Height:	7.30526 ft

◆ Walls 4 and 5 - Seismic

Method: spencer

FS	1.362270
Center:	7.564, 38.554
Radius:	31.814
Left Slip Surface Endpoint:	-0.488, 7.775
Right Slip Surface Endpoint:	36.118, 24.525
Resisting Moment:	723314 lb-ft
Driving Moment:	530963 lb-ft
Resisting Horizontal Force:	20010 lb
Driving Horizontal Force:	14688.7 lb
Passive Support Moment:	32.2723 lb-ft
Passive Horizontal Support Force:	1.02038 lb
Maximum Single Support Force:	1.09573 lb
Total Support Force:	1.09573 lb
Total Slice Area:	226.655 ft ²
Surface Horizontal Width:	36.6057 ft
Surface Average Height:	6.1918 ft

◆ **Wall 6 - Static**

Method: spencer

FS	2.023190
Center:	23.857, 35.159
Radius:	29.930
Left Slip Surface Endpoint:	13.053, 7.247
Right Slip Surface Endpoint:	53.094, 28.757
Resisting Moment:	1.30113e+06 lb-ft
Driving Moment:	643109 lb-ft
Resisting Horizontal Force:	37305.8 lb
Driving Horizontal Force:	18439.1 lb
Passive Support Moment:	71892 lb-ft
Passive Horizontal Support Force:	2404.97 lb
Maximum Single Support Force:	2471.93 lb
Total Support Force:	2471.95 lb
Total Slice Area:	397.72 ft ²
Surface Horizontal Width:	40.0409 ft
Surface Average Height:	9.93282 ft

◆ **Wall 6 - Seismic**

Method: spencer

FS		1.471000
Center:	23.352, 39.839	
Radius:	34.141	
Left Slip Surface Endpoint:	13.183, 7.247	
Right Slip Surface Endpoint:	55.645, 28.757	
Resisting Moment:	1.46179e+06 lb-ft	
Driving Moment:	993739 lb-ft	
Resisting Horizontal Force:	38107.1 lb	
Driving Horizontal Force:	25905.5 lb	
Passive Support Moment:	83454.5 lb-ft	
Passive Horizontal Support Force:	2440.49 lb	
Maximum Single Support Force:	2471.93 lb	
Total Support Force:	2494.49 lb	
Total Slice Area:	413.316 ft ²	
Surface Horizontal Width:	42.4614 ft	
Surface Average Height:	9.73392 ft	

◆ Wall 7 - Static

Method: spencer

FS		2.650900
Center:	5.449, 23.158	
Radius:	16.394	
Left Slip Surface Endpoint:	-1.245, 8.193	
Right Slip Surface Endpoint:	21.753, 21.443	
Resisting Moment:	380518 lb-ft	
Driving Moment:	143543 lb-ft	
Resisting Horizontal Force:	20255 lb	
Driving Horizontal Force:	7640.8 lb	
Passive Support Moment:	49.1586 lb-ft	
Passive Horizontal Support Force:	3.01273 lb	
Maximum Single Support Force:	3.14204 lb	
Total Support Force:	3.14204 lb	
Total Slice Area:	214.261 ft ²	
Surface Horizontal Width:	22.9975 ft	
Surface Average Height:	9.31669 ft	

◆ Wall 7 - Seismic

Method: spencer

FS	2.657350
Center:	-6.200, 46.474
Radius:	38.227
Left Slip Surface Endpoint:	3.071, 9.388
Right Slip Surface Endpoint:	22.692, 21.443
Resisting Moment:	1.03936e+06 lb-ft
Driving Moment:	391126 lb-ft
Resisting Horizontal Force:	25525.3 lb
Driving Horizontal Force:	9605.55 lb
Passive Support Moment:	288465 lb-ft
Passive Horizontal Support Force:	7540.84 lb
Maximum Single Support Force:	5227.34 lb
Total Support Force:	7737.69 lb
Total Slice Area:	139.027 ft ²
Surface Horizontal Width:	19.6214 ft
Surface Average Height:	7.08547 ft

◆ Wall 8 - Static

Method: spencer

FS	2.686760
Center:	1.712, 15.907
Radius:	9.658
Left Slip Surface Endpoint:	-2.565, 7.247
Right Slip Surface Endpoint:	11.126, 13.747
Resisting Moment:	63174.4 lb-ft
Driving Moment:	23513.2 lb-ft
Resisting Horizontal Force:	5571.23 lb
Driving Horizontal Force:	2073.59 lb
Total Slice Area:	52.7994 ft ²
Surface Horizontal Width:	13.6904 ft
Surface Average Height:	3.85666 ft

◆ Wall 8 - Seismic

Method: spencer

FS	1.947220
Center:	1.843, 17.571
Radius:	11.215
Left Slip Surface Endpoint:	-2.536, 7.247
Right Slip Surface Endpoint:	12.385, 13.747
Resisting Moment:	76159.1 lb-ft
Driving Moment:	39111.8 lb-ft
Resisting Horizontal Force:	6045.66 lb
Driving Horizontal Force:	3104.77 lb
Total Slice Area:	57.5523 ft ²
Surface Horizontal Width:	14.9215 ft
Surface Average Height:	3.85701 ft

◆ Walla 9a and 9b - Static

Method: spencer

FS	1.761980
Center:	-1.173, 43.134
Radius:	43.238
Left Slip Surface Endpoint:	-17.161, 2.960
Right Slip Surface Endpoint:	41.838, 38.705
Resisting Moment:	4.30071e+06 lb-ft
Driving Moment:	2.44083e+06 lb-ft
Resisting Horizontal Force:	83925.1 lb
Driving Horizontal Force:	47631 lb
Passive Support Moment:	220360 lb-ft
Passive Horizontal Support Force:	5110.12 lb
Maximum Single Support Force:	5227.34 lb
Total Support Force:	5228.31 lb
Total Slice Area:	973.391 ft ²
Surface Horizontal Width:	58.9992 ft
Surface Average Height:	16.4984 ft

◆ Walls 9a and 9b - Seismic

Method: spencer

FS	1.349820
Center:	-2.006, 48.950
Radius:	48.715
Left Slip Surface Endpoint:	-18.072, 2.960
Right Slip Surface Endpoint:	45.620, 38.705
Resisting Moment:	4.91783e+06 lb-ft
Driving Moment:	3.64332e+06 lb-ft
Resisting Horizontal Force:	88606.9 lb
Driving Horizontal Force:	65643.4 lb
Passive Support Moment:	249860 lb-ft
Passive Horizontal Support Force:	5123.1 lb
Maximum Single Support Force:	5227.34 lb
Total Support Force:	5227.54 lb
Total Slice Area:	1031.76 ft ²
Surface Horizontal Width:	63.6927 ft
Surface Average Height:	16.199 ft

◆ Walls 9a and 10 - Static

Method: spencer

FS		1.789930
Center:	15.216, 40.711	
Radius:	38.270	
Left Slip Surface Endpoint:	4.728, 3.906	
Right Slip Surface Endpoint:	52.681, 32.906	
Resisting Moment:	2.27359e+06 lb-ft	
Driving Moment:	1.27021e+06 lb-ft	
Resisting Horizontal Force:	50104.4 lb	
Driving Horizontal Force:	27992.4 lb	
Passive Support Moment:	92850.7 lb-ft	
Passive Horizontal Support Force:	2429.04 lb	
Maximum Single Support Force:	2471.93 lb	
Total Support Force:	2471.93 lb	
Total Slice Area:	571.489 ft ²	
Surface Horizontal Width:	47.9527 ft	
Surface Average Height:	11.9177 ft	

◆ Walls 9a and 10 - Seismic

Method: spencer

FS		1.335870
Center:	16.278, 40.360	
Radius:	37.459	
Left Slip Surface Endpoint:	7.659, 3.906	
Right Slip Surface Endpoint:	52.989, 32.906	
Resisting Moment:	2.09345e+06 lb-ft	
Driving Moment:	1.5671e+06 lb-ft	
Resisting Horizontal Force:	48948.6 lb	
Driving Horizontal Force:	36641.7 lb	
Passive Support Moment:	91229.2 lb-ft	
Passive Horizontal Support Force:	2433.36 lb	
Maximum Single Support Force:	2471.93 lb	
Total Support Force:	2471.93 lb	
Total Slice Area:	568.886 ft ²	
Surface Horizontal Width:	45.3297 ft	
Surface Average Height:	12.55 ft	

◆ Wall 11 - Static

Method: spencer

FS	2.370550
Center:	-27.861, 103.636
Radius:	108.449
Left Slip Surface Endpoint:	13.754, 3.490
Right Slip Surface Endpoint:	48.777, 26.905
Resisting Moment:	6.90023e+06 lb-ft
Driving Moment:	2.91081e+06 lb-ft
Resisting Horizontal Force:	57062.9 lb
Driving Horizontal Force:	24071.5 lb
Passive Support Moment:	1.6339e+06 lb-ft
Passive Horizontal Support Force:	15061.1 lb
Maximum Single Support Force:	2471.93 lb
Total Support Force:	15628 lb
Total Slice Area:	443.195 ft ²
Surface Horizontal Width:	35.0236 ft
Surface Average Height:	12.6542 ft

◆ **Wall 11 - Seismic**

Method: spencer

FS	1.560410
Center:	-23.467, 108.333
Radius:	111.278
Left Slip Surface Endpoint:	13.751, 3.463
Right Slip Surface Endpoint:	52.378, 26.905
Resisting Moment:	6.6921e+06 lb-ft
Driving Moment:	4.28869e+06 lb-ft
Resisting Horizontal Force:	55169.4 lb
Driving Horizontal Force:	35355.8 lb
Passive Support Moment:	1.47518e+06 lb-ft
Passive Horizontal Support Force:	13252.7 lb
Maximum Single Support Force:	2471.93 lb
Total Support Force:	13636.8 lb
Total Slice Area:	497.656 ft ²
Surface Horizontal Width:	38.6265 ft
Surface Average Height:	12.8838 ft