

Result of External Stability Static Analysis

	Calculated	Design Criteria
FOS Sliding	1.59	> 1.50
FOS Overturning	6.48	> 2.00
FOS Bearing Capacity	11.12	> 2.00
Base Reinforcement Length (L)(ft)	9.00	
Base Reinforcement Ratio (L/H)	2.25	> 0.60

Results of Internal Stability Static Analysis

SRW Unit #	Geosynthetic Product	Elevation (ft)	Length (ft)	Anchor Length (ft)	FOS Overstress ≥ 1.50	FOS Pullout ≥ 1.50	FOS Slide ≥ 1.50	Layer Spacing (ft) ≥ 2.00
5	Miragrid 3XT	2.67	9.00	6.22	12.44	15.21	3.29	OK
3	Miragrid 3XT	1.33	9.00	7.12	7.46	14.54	2.97	OK

Results of Facing Stability Static Analysis

SRW Unit #	Heel Elev (ft)	Geosynthetic Product	FOS Crest Toppling ≥ 1.50	FOS Connection ≥ 1.50
5	2.67	Miragrid 3XT	8.58	20.35
3	1.33	Miragrid 3XT		7.57