

Result of External Stability Static Analysis

	Calculated	Design Criteria
FOS Sliding	1.68	> 1.50
FOS Overturning	3.41	> 2.00
FOS Bearing Capacity	17.90	> 2.00
Base Reinforcement Length (L){ft}	6.00	
Base Reinforcement Ratio (L/H)	1.29	> 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
6	Miragrid 3XT	3.33	6.00	2.90	9.35	4.53	3.37	OK
3	Miragrid 3XT	1.33	6.00	4.16	5.73	6.75	2.63	OK

Results of Facing Stability Static Analysis

SRW Unit #	Heel Elev (ft)	Geosynthetic Product	FOS Crest Toppling ≥ 1.50	FOS Connection ≥ 1.50
6	3.33	Miragrid 3XT	9.13	16.02
3	1.33	Miragrid 3XT		6.29