

Result of External Stability Static Analysis

	Calculated	Design Criteria
FOS Sliding	1.50	> 1.50
FOS Overturning	6.59	> 2.00
FOS Bearing Capacity	12.12	> 2.00
Base Reinforcement Length (L)(ft)	7.00	
Base Reinforcement Ratio (L/H)	2.62	> 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
3	Miragrid 3XT	1.33	7.00	5.12	8.40	7.06	3.38	OK

Results of Facing Stability Static Analysis

SRW Unit #	Heel Elev (ft)	Geosynthetic Product	FOS Crest Toppling ≥ 1.50	FOS Connection ≥ 1.50
3	1.33	Miragrid 3XT	8.50	11.45