

Result of External Stability Static Analysis

	Calculated	Design Criteria
FOS Sliding	1.79	> 1.50
FOS Overturning	3.68	> 2.00
FOS Bearing Capacity	24.35	> 2.00
Base Reinforcement Length (L)(ft)	4.00	
Base Reinforcement Ratio (L/H)	1.00	> 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
4	Miragrid 3XT	2.00	4.00	1.67	9.33	2.79	5.41	OK

Results of Facing Stability Static Analysis

SRW Unit #	Heel Elev (ft)	Geosynthetic Product	FOS Crest Toppling ≥ 1.50	FOS Connection ≥ 1.50
4	2.00	Miragrid 3XT	4.09	5.38
