

Result of External Stability Static Analysis

	Calculated	Design Criteria
FOS Sliding	2.95	> 1.50
FOS Overturning	5.42	> 2.00
FOS Bearing Capacity	11.89	> 2.00
Base Reinforcement Length (L)(ft)	4.00	
Base Reinforcement Ratio (L/H)	1.20	> 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	HP200	1.33	4.00	2.33	7.54	3.08	6.79	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	HP200	6.34	12.06