

**Result of External Stability Static Analysis**

	Calculated	Design Criteria
FOS Sliding	1.54	> 1.50
FOS Overturning	5.32	> 2.00
FOS Bearing Capacity	8.62	> 2.00
Base Reinforcement Length (L)(ft)	10.00	
Base Reinforcement Ratio (L/H)	1.67	> 0.60

**Results of Internal Stability Static Analysis**

SRW Unit #	Geosynthetic Product	Elevation (ft)	Length (ft)	Anchor Length (ft)	FOS Overstress $\geq 1.50$	FOS Pullout $\geq 1.50$	FOS Slide $\geq 1.50$	Layer Spacing (ft) $\geq 2.00$
7	Miragrid 3XT	4.00	10.00	6.34	7.11	11.78	3.23	OK
4	Miragrid 3XT	2.00	10.00	7.67	3.83	11.06	2.81	OK

**Results of Facing Stability Static Analysis**

SRW Unit #	Heel Elev (ft)	Geosynthetic Product	FOS Crest Toppling $\geq 1.50$	FOS Connection $\geq 1.50$
7	4.00	Miragrid 3XT	4.09	9.57
4	2.00	Miragrid 3XT		3.71