

Result of External Stability Static Analysis

| | Calculated | Design Criteria |
|-----------------------------------|------------|-----------------|
| FOS Sliding | 1.56 | > 1.50 |
| FOS Overturning | 4.00 | > 2.00 |
| FOS Bearing Capacity | 9.44 | > 2.00 |
| Base Reinforcement Length (L)(ft) | 12.00 | |
| Base Reinforcement Ratio (L/H) | 1.12 | > 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 |
|------------|----------------------|----------------|-------------|--------------------|----------------------------|-------------------------|-----------------------|--------------------------------|
| 15 | Miragrid 3XT | 9.33 | 12.00 | 4.80 | 27.34 | 36.77 | 4.37 | OK |
| 12 | Miragrid 3XT | 7.33 | 12.00 | 6.13 | 11.19 | 27.12 | 3.55 | OK |
| 9 | Miragrid 3XT | 5.33 | 12.00 | 7.46 | 6.99 | 26.65 | 2.95 | OK |
| 6 | Miragrid 3XT | 3.33 | 12.00 | 8.79 | 5.09 | 28.00 | 2.51 | OK |
| 3 | Miragrid 3XT | 1.33 | 12.00 | 10.12 | 3.37 | 25.30 | 2.18 | OK |

Results of Facing Stability Static Analysis

| SRW Unit # | Heel Elev (ft) | Geosynthetic Product | FOS Crest Toppling ≥ 1.50 | FOS Connection ≥ 1.50 |
|------------|----------------|----------------------|--------------------------------|----------------------------|
| 15 | 9.33 | Miragrid 3XT | 8.50 | 14.91 |
| 12 | 7.33 | Miragrid 3XT | | 7.16 |
| 9 | 5.33 | Miragrid 3XT | | 5.13 |
| 6 | 3.33 | Miragrid 3XT | | 4.21 |
| 3 | 1.33 | Miragrid 3XT | | 3.11 |