

**Result of External Stability Static Analysis**

|                                   | Calculated | Design Criteria |
|-----------------------------------|------------|-----------------|
| FOS Sliding                       | 1.50       | > 1.50          |
| FOS Overturning                   | 2.60       | > 2.00          |
| FOS Bearing Capacity              | 12.45      | > 2.00          |
| Base Reinforcement Length (L)(ft) | 12.00      |                 |
| Base Reinforcement Ratio (L/H)    | 0.82       | > 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) $\geq 2.00$ |
|------------|----------------------|----------------|-------------|--------------------|----------------------------|-------------------------|-----------------------|--------------------------------|
| 21         | Miragrid 3XT         | 13.33          | 12.00       | 2.14               | 27.34                      | 18.14                   | 4.37                  | OK                             |
| 18         | Miragrid 3XT         | 11.33          | 12.00       | 3.47               | 11.19                      | 16.51                   | 3.55                  | OK                             |
| 15         | Miragrid 3XT         | 9.33           | 12.00       | 4.80               | 6.99                       | 18.15                   | 2.95                  | OK                             |
| 12         | Miragrid 3XT         | 7.33           | 12.00       | 6.13               | 5.09                       | 20.45                   | 2.51                  | OK                             |
| 9          | Miragrid 3XT         | 5.33           | 12.00       | 7.46               | 4.00                       | 23.00                   | 2.18                  | OK                             |
| 6          | Miragrid 3XT         | 3.33           | 12.00       | 8.79               | 3.29                       | 25.65                   | 1.93                  | OK                             |
| 3          | Miragrid 3XT         | 1.33           | 12.00       | 10.12              | 2.37                       | 24.06                   | 1.73                  | OK                             |