

**Result of External Stability Static Analysis**

|                                   | Calculated | Design Criteria |
|-----------------------------------|------------|-----------------|
| FOS Sliding                       | 1.62       | > 1.50          |
| FOS Overturning                   | 9.52       | > 2.00          |
| FOS Bearing Capacity              | 6.17       | > 2.00          |
| Base Reinforcement Length (L)(ft) | 10.00      |                 |
| Base Reinforcement Ratio (L/H)    | 2.50       | > 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) $\geq 2.00$ |
|------------|----------------------|----------------|-------------|--------------------|----------------------------|-------------------------|-----------------------|--------------------------------|
| 5          | Miragrid 3XT         | 2.67           | 10.00       | 7.50               | 5.19                       | 3.80                    | 4.29                  | OK                             |
| 3          | Miragrid 3XT         | 1.33           | 10.00       | 8.25               | 4.25                       | 6.58                    | 3.39                  | OK                             |

**Results of Facing Stability Static Analysis**

| SRW Unit # | Heel Elev (ft) | Geosynthetic Product | FOS Crest Toppling $\geq 1.50$ | FOS Connection $\geq 1.50$ |
|------------|----------------|----------------------|--------------------------------|----------------------------|
| 5          | 2.67           | Miragrid 3XT         | 5.05                           | 16.98                      |
| 3          | 1.33           | Miragrid 3XT         |                                | 8.12                       |