

| TWIN 45' ARMS | |
|--------------------------------------|---------------|
| Structure ID | 60914-B444-Y1 |
| Check Bearing Capacity: | |
| X - Moment about toe (ft-lbs) | 68998 |
| Z - Moment about toe (ft-lbs) | 68998 |
| Area (sf) | 64 |
| X - Section Modulus (cf) | 85.3 |
| Z - Section Modulus (cf) | 85.3 |
| X - Eccentricity (ft) | 1.590 |
| Z - Eccentricity (ft) | 1.590 |
| Senario 1 - No Tension: | |
| Qa (psf) | 678 |
| Qb (psf) | 2295 |
| Qc (psf) | 678 |
| Qd (psf) | -939 |
| Senario 2 - Corner Tension: | |
| Zero Pressure Angle (radians) | 0.7854 |
| H1 (ft) - SELECT VALUE | 6.881 |
| X - Leg (ft) | 9.731 |
| Z - Leg (ft) | 9.731 |
| H2 (ft) | 1.224 |
| H3 (ft) | 1.224 |
| L1 (ft) | 13.762 |
| L2 (ft) | 2.448 |
| L3 (ft) | 2.448 |
| Load Offset (ft) | 3.473 |
| Moment of Inertia (ft ⁴) | 372.89 |
| Qa (psf) | 495 |
| Qb (psf) | 2781 |
| Qc (psf) | 495 |
| Psoil (lbs) | 43397 |
| Papplied (lbs) | 43399 |
| % Difference | 0.00 |
| X - Q at face of pedestal (psf) | 2067 |
| Z - Q at face of pedestal (psf) | 2067 |
| Mx at face of pedestal (pos.) | 75477 |
| Mz at face of pedestal (pos.) | 75477 |
| Mx at face of pedestal (neg.) | 15250 |
| Mz at face of pedestal (neg.) | 15250 |

