

- **The stone materials used should always be a limestone hard course material that is crushed with angular edges.**
- **Base stone should be 3” of washed, crushed #57 stone.**
 - 57 stone is a crushed stone aggregate that passes through a #57 sieve, which has openings of 1.5 inches. The stones in #57 stone are typically between 1 and 1.5 inches in size.
 - Sieve Gradation
 - 100% passes a 1.5” screen
 - 95–100% passes a 1” screen
 - 25–60% passes a ½” screen
 - 0–10% passes a #4 screen
 - 0–5% passes an #8 screen
- **Finish stone should be 1” of washed, crushed #89 stone.**
 - 89 stone sieve gradation refers to the distribution of stone sizes in a sample of #89 stone. The gradation is determined by filtering the stone through sieves of different sizes and measuring the weight of the stone retained on each sieve.
 - Sieve gradation for #89 stone
 - 1/2-inch sieve: 100% passing
 - 3/8-inch sieve: 90 to 100% passing
 - No. 4 sieve: 20 to 55% passing
 - No. 8 sieve: 5 to 30% passing
 - No. 16 sieve: 0 to 5% passing
 - No. 50 sieve: 0 to 5% passing
- **System drainage should have a ½% - 2% grade from center line of field for proper drainage and run-off.**
- **Stone profile is subject to change based on drainage requirements.**
- **During Field Installation:**
 - Field should be laser graded to check elevations and ensure correct slope.
 - String line should then be used to check planarity is within ¼” over 10’ tolerance.