



No Fault SporTurf Compacted Stone Sub-base Instructions

- I. Scrape and clean out all roots, trees and top soil. Remove 2 - 4 inches of top soil.

- II. Install perimeter nailer boards as follows:
 - A. Install 2" x 4" or 2" x 8" treated wood nailer boards around the perimeter of the enclosure and any exposed drains
 - B. Although not required, Trex boards are recommended.
 - C. Nailer board should be approximately 3/8" below the top of the surrounding enclosure (finished grade) with the stone base flush with the top of the nailer board.
 - D. If applicable, the nailer board should be secured to adjacent curbing with a 3" Tapcon screw.

- III. Install Compacted Stone as follows:
 - A. Depth - 3" minimum thickness - to be determined by local soil conditions.
 - B. Slope - Stone elevation shall maintain slope to drains or toward low end. Base must exhibit positive drainage in all areas.
 - C. Compaction - Density requirement is 90% compaction with final condition of stone as level and stable so as not to shift when traveled on or during surface installation process.
 - D. Porosity - Stone base course shall maintain porosity for direct drainage. Care must be taken not to choke off porosity.
 - E. Drainage - Subsurface drainage is recommended under and around a stone base. Perforated pipe or similar system is acceptable. Positive drainage in all areas is required.
 - F. Stone Selection - It is critical that the use of different stone sizes described below is strictly adhered to.
 - G. Stone shall be uniformly mixed in an approving pugmill or on a mixing table or by other mechanical means (such as quarry blending operations) prior to placement on the subgrade. Test samples will be taken after mixing, and the material shall conform to specified requirements prior to placement on the subgrade. The material shall be wetted during mixing operations if necessary for proper blending.
 - H. Stone Gradation:

<u>U.S. Sieve</u>	<u>Percent Passing</u>
1"	100
3/4"	90 - 100
No. 4	35 - 60
No. 30	10 - 30
No. 200	2 - 9

- IV. Install filter cloth over entire area.