Who could have predicted that a typical 120,000 square foot (sf) synthetic turf baseball field would turn into a logistical nightmare? Due to circumstances far beyond the contractor's imagination or control, from stone that was deemed to be a quality that proved to be unusable, to delivery schedules of material that extended far beyond anyone's expectations, this traditional stone base installation located thousands of miles from home proved to be a project everyone involved could only hope to forget. While it is true most installations are not plagued with such logistical nightmares, most contractors recognize the fact that what can go wrong often will go wrong. The more you can control, the better your chances of meeting or exceeding your schedule. And while control of the weather is still the realm of science fiction, proper materials, equipment and manpower aren't.

The traditional method of constructing a synthetic turf field—be it a conversion from an existing natural grass field to synthetic or a completely new field—typically involves stone. Lots of it. Here in Florida, an 80,000 sf field with a 6" stone base could be upwards of 2,000 tons of stone...or 100 truckloads. But before any of that stone can be brought in, you could be looking at roughly the same number of truckloads out: sod, organics and fill not part of the cut/fill process. That's a lot of time, a lot of trucks, a lot of noise, and a lot of fuel. Not to mention the congested roadways that most metropolitan areas experience on a daily basis. Many installation and engineering experts will agree that, barring inclement weather, even if you have access to the right equipment and knowledgeable crew, a typical subbase including drainage could take upwards of 30 days to complete.

But what if I told you there's a way to reduce that time by half...or even more? What if I told you there is a way to reduce the truckloads from 200 to a tenth of that? All the while resulting in a far superior product that consistently performs at a much higher level of safety, drainage, planarity, athletic performance and overall aesthetic appeal? Innovative Base Technologies/UltraBaseSystems has accomplished just that. Stemming from years of research and development from our sister company, Creative Sport Concepts/Tour Links putting greens, the UltraBaseSystems family of patented inter-locking panels are designed to replace and, in some cases, eliminate not only the stone base, but the drainage system and perimeter curb as well. A revolutionary advancement for the entire synthetic turf industry! UltraBaseSystems panels, in conjunction with our geo synthetic stabilization fabrics, provide a safer, athlete performance-enhancing surface, superior vertical and horizontal drainage, ease of installation and a finished product which many have said is creating the finest synthetic turf fields ever. The game has changed. Isn't it time you changed the way you play the installation game?

The following chart outlines typical time schedule and material requirements to create a traditional stone base synthetic turf field versus an UltraBaseSystems filed

| **Traditional Stone Base:** | **Material** | **Time** | **Trucks** |
|---|---|---|---|
| Remove Grass/Organics (2”) | 500 cy | 3 days | 25 20-ton trucks |
| Remove existing soils (6”) | 2,000 cy | 7 days | 80 20-ton trucks |
| Grade and compact sub-grade | NA | 2 days | NA |
| Dig Perimeter trench (2’x2’) | 200 cy | 2 days | 8 20-ton trucks |
| Place perimeter drain pipe | 12” pipe | 2 days | 2 delivery trucks |
| Perimeter concrete nailer (12” x 6”) | 10 cy | 5 days | 2 10-yard concrete trucks |
| Field Drainage | 1”x12” pipe | 2 days | 1 delivery truck |
| Stone (6”) | 2,000 cy | 5 days | 80 20-ton trucks |
| **TOTALS** | | **28 days** | **198** |
| **UltraBaseSystems:** | | | |
| Remove Grass/Organics (2”) | 500 cy | 3 days | 25 20-ton trucks |
| Grade and compact sub-grade | NA | 2 days | NA |
| Dig Perimeter trench (2’x2’) | 200 cy | 2 days | 8 20-ton trucks |
| Place perimeter drain pipe | 12” pipe | 2 days | 2 delivery trucks |
| UBS Panels (6”) and Geo-fabric | 80,000 sf | 4 days | 4 trucks |
| **TOTALS** | | **13 days** | **39** |