

## SMOKY MOUNTAIN HIGH SCHOOL FACT SHEET

**Location:** Sylva, NC

**Field Size:** 81,150 SF

**Field Markings:** Football, Soccer

**System Name:** Golden Series DT

**Turf Manufacturer:** AstroTurf®

**Pad Manufacturer:** Brock

**Field Installer:** Sports Construction Management

**Turf Pile Height:** 1.25"

**Turf Pile Weight:** 80 oz. per square yard

**HUD Department Density Score:** 2304

**Infill:** NO crumb rubber is used. Instead, a ZeoFill and silica sand mixture is installed. ZeoFill, is a brand of Zeolite (Clinoptilolite) and:

- Is a mineral used in a variety of applications, including health food supplements, water filtration, industrial waste cleanup, and more
- Is mined in Death Valley, CA
- Possesses a honeycomb molecular shape, which acts as a sieve and allows the infill to absorb and slowly release water, reducing field temperatures

### Specialized Technology:

- AstroTurf's specialized RootZone® technology. The nylon RootZone is a system of texturized (crimped) fibers that curl down into the turf system and act as
- Beaded polypropylene pad by Brock absorbs and spreads out the force of impacts and falls, guaranteeing excellent shock absorption. The entire system provides grass-like energy restitution and even footing.

