

- **Subgrade** – Baseline to excavate existing natural turf out and haul away. Subgrade shall be shaped to appropriate grade and profile to accommodate new artificial turf surface. Grade of new field will match the grade of the new running track at lane 1. Slope of new field shall be .5% from the crown of the field to the track. Assumption for purposes of this scope of work is that existing sub soils are of sufficient quality to support loaded truck traffic. Soft soils or unsuitable soils that need replacing are not included in this scope of work.
- **Curbing** – An 8” x 8” concrete curb shall be constructed 6’ behind each goal post across the entire width of the field to provide the termination point for the turf limits. Turf shall wrap over the concrete curb and shall be anchored to a 2” x 4” nail strip which will be attached to the curb. The curb for the running track shall be utilized to anchor the turf on the sidelines.
- **French Drain** – A French drain shall be constructed on each sideline to capture subsurface water and divert it outside the football field area. French drain to be 2’ x 2’ and to be backfilled with 57 stone and 8” perforated pipe. French drain shall run the entire length (372’) of the artificial turf. French drain shall tie into existing catch basins to discharge water. French drain shall be sloped between catch basins at .5% in order to move water. French drain shall be wrapped in geotextile.
- **Geotextile** – A 4 ounce / square yard non-woven geotextile underlayment shall be installed over the subgrade prior to placement of any stone.
- **Stone Base** - New stone base shall be installed on top of the geotextile over the entire artificial field area to a depth of 6”. This stone base shall be comprised of a 4” thick layer of #57’s followed by 2” thick layer of washed screenings (#89’s). Stone shall be laser graded in both cases in order to provide uniform thickness. Purpose of stone layer is to provide sub-surface water drainage underneath the turf to minimize down time after a rain.
- **Sprinkler system** – any modifications to existing sprinkler system are not included in this scope of work.
- **Goal posts** – 2 new Sportsfield Specialties or equivalent goal posts shall be installed. See attached cut sheet for details.