

SECTION 728 – SOCCER /BALL FIELD CONSTRUCTION

728.01 Description:

- A. This technical provision is for the construction of new athletic fields and for the reconstruction of existing fields. Rough graded fields (or old deteriorated fields) shall be amended with soil and soil conditioners (refer to Section 723) and re-graded to achieve the grade as shown on the plans. For in-field mix please refer to Section 726.

728.01.1 Quality Assurance:

- A. Contractor must supply evidence of similar work having been performed on at least 3 other sites maintaining the degree of accuracy outlined in the grading specifications.
- B. Results: The equipment which is used on the field (job, site, etc.) shall be capable of producing the following results:

The field shall be graded on the specified slope to a general tolerance of ½” (or as specified in the plans) from the grades shown on the approved plans.

728.02 Materials:

Equipment: The specialized grading equipment shall be designed to minimize compaction of prepared subgrade and topsoil. The grader shall be equipped with dual laser pickup, dual laser grade range mode, and the laser pickup shall operate the blade elevation controls automatically once they are locked on the laser beam. Each of the two laser pickups will operate only one end of the grader blade respectively. The laser source shall be capable of accuracy to three places of a percent (i.e., 1.234% of grade) and shall be capable of operating either the positive or negative angle of configuration without physically moving the laser source head.

728.03 Construction:

Fields shall be constructed per the following stages:

1. Install required sediment control measures based on approved plans or as directed by the MCDPS sediment control inspector.
2. Spray grass/vegetation with Round-up or approved herbicide, if directed by M-NCPPC Construction Manager.

3. After vegetation is killed according to herbicide manufacturer's labels and removed, refer to Section 723 for relevant soil test analysis and amend the soil accordingly.
4. For soccer field spread ½" layer of diatomaceous earth across 48' wide swath along center of field (approximately 10 tons).
5. Rototill entire area to 6" depth.
6. Remove rock within the top 4" (See Section 705)
7. Grade area to achieve desired crown.
8. Grade any proposed swales and provide positive drainage. Re-grade existing swales if necessary.
8. Seed or sod with specified seed-mix on all disturbed areas.

728.04 Measurement and Payment:

- A. Payment will be full compensation for all material, labor, equipment, tools and incidental items necessary to complete and maintain the work. Periodic maintenance of sediment control measures shall be included in the bid prices of items. Payment shall be made on a unit rate or lump sum basis as shown in the bid proposal.