



Precision Sports Surfaces, Inc.

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BASE COURSE SPECIFICATION

RUNNING TRACK CONSTRUCTION

PART 1 - GENERAL

RELATED WORK: Drawings and general provisions of the Contract, including General and Special Conditions; Sub grade; Drainage; Concrete; Synthetic Track Surface; and Landscaping.

The work described in this section is intended to produce a platform upon which a resilient running track surface is to be applied. The uniformity of both grade and planarity is intended to be of exceptional quality. Slopes shall meet those set forth by the rules of track and field for the intended use of the facility (NCAA or NFHS). These rules and regulations are available from the NCAA at (913) 339-1906 and the National Federation of State High School Assocs. (816) 464-5400.

The work includes the placement of a crushed stone base course, placement of an asphalt leveling course, and placement of an asphalt surface course.

PART 2 - MATERIALS

CRUSHED STONE for Crushed Stone Base Course: VDOT 21-A

ASPHALT for Asphalt Leveling Course: VDOT IM-1A

ASPHALT for Asphalt Surface Course: VDOT SM-2A

STONE BASE

Material: Stone base shall consist of crushed aggregate installed to a compacted minimum depth of 6".

Spreading: The stone base material shall be spread by methods, and in a manner proposed by the contractor to produce a uniform density and thickness and the grades and dimensions shown on the drawings.

Compaction: The stone base shall be compacted by rolling with a powered steel wheel tandem roller weighing not less than eight tons. The compacted surface of the stone base shall not vary more than 1/2" from the required elevations.

LEVELING COURSE

Material: The leveling course shall consist of asphaltic concrete Type IM-1A (VDOT specifications).

Spreading: The asphalt mixture shall be spread using a mechanical asphalt spreader, the condition of which shall be suitable for achieving the tolerances specified hereinafter. The minimum compacted thickness shall be 2" as indicated on the drawings.

Compaction: The asphalt mixture shall be thoroughly compacted with a steel wheel tandem roller weighing not less than four tons. The finished surface of the leveling course shall not vary more than 1/4" from the required elevations.

SURFACE COURSE

Material: The surface course shall consist of asphaltic concrete having a maximum aggregate size of 3/8" to 1/2". The asphalt mixture shall meet Type SM-2A (VDOT Specifications).

Spreading: The asphalt mixture shall be spread using a mechanical asphalt spreader, the condition of which shall be suitable for achieving the tolerances specified hereinafter. The minimum compacted thickness shall be 1.0" as indicated on the drawings.

Compaction: The asphalt mixture shall be thoroughly compacted with a steel wheel tandem roller weighing not less than four tons. The finished surface of the leveling course shall have uniform cross-slope; shall not vary more than 1/4" from the required elevations; nor shall it vary more than 3/16" in any direction when measured with a ten-foot straightedge.