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Revision Date: 2/21/2024

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1. **Design Criteria:**

- a. Refer to Products, Materials and Equipment.
- b. Reference Standards: To be specified by Design Professional

2. **Submittals to be reviewed by University:**

- a. Manufacturer's tag shall be provided to the Physical Plant Department Grounds Manager for approval prior to seeding.

3. **Products, Materials & Equipment:**

- a. UVM #1 Mix for standard lawn areas
  - i. 71.46% MIN. FUTURA 3000 PER RYE GRASS GERM: 90%
  - ii. 14.81% MIN. DYNASTY TALL FESCUE GERM: 90%
  - iii. 9.74% MIN. CREEPING RED FESCUE GERM: 90%
  - iv. 2.32% MAX CROP
  - v. 1.61% MAX INERT
- b. Athletic Field Mix:
  - i. 39.55% MIN. (98/85) KY BLUEGRASS GERM: 85%
  - ii. 19.82% MIN. TOUCHDOWN KY BLUEGRASS GERM: 80%
  - iii. 19.78% MIN. FAMOUS KY BLUEGRASS GERM: 78%
  - iv. 19.29% MIN. FUTURA 3000 PER. RYE GERM: 90%
  - v. .43% MAX CROP
  - vi. 1.05% MAX INERT
  - vii. .08% MAX WEED

4. **Installation, Fabrication, and Construction:**

- a. All areas that are disturbed during construction shall be fine graded to a uniform gradeline and appearance and covered with a uniform thickness of topsoil as specified in Division 32 - Topsoiling. Preferred method of application shall be hydroseeding, unless otherwise shown on drawings, or directed by UVM.
- b. The topsoil shall be evenly spread on the designated areas to a depth which, after settlement and compaction, shall be as specified in Division 32 - Topsoiling. Roadway surfaces shall be kept clean during hauling and spreading operations.
- c. After spreading has been completed, stones larger than ½ inch in any dimension, root stumps, and other litter shall be raked up and removed.

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- d. The final grading of the topsoil prior to hydroseeding shall be to a tolerance that will not allow ponding water.
  - e. Starter fertilizer shall be applied at the manufacturer's suggested rate at the time of seeding.
  - f. Watering is to be done by the contractor and is to last for the duration of the warranty period. The Contractor is required to supply all components necessary to complete the job such as sprinklers, hoses, etc. Filling of water tanks to be coordinated with the Grounds Department.
  - g. All seeded areas shall be staked to deter foot traffic and maintained by the contractor, using 1" x 1" wooden grade stakes, maximum of 10' o.c., connected with twine with flagging material attached for visibility. The staking shall be maintained through the warranty period.
  - h. Require biodegradable mats for erosion control on embankments.
  - i. Seeding is permitted from May 15-June 15, and August 15-September 15. Seeding at other times requires prior approval from the Grounds Manager.
5. **Warranties:**
- a. A guarantee through the first mowing is required. Bare or sparse areas larger than 1sf to be re-done by the contractor. The first mowing is the responsibility of the Contractor, unless otherwise stated by the Grounds Manager. The Contractor shall contact the Grounds Manager for approval prior to the first mowing. An inspection by the Grounds Manager and the Contractor is required after the first mowing prior to UVM taking responsibility for the newly mowed area.
  - b. If a dormant seeding is applied, warranty will be extended until the first mowing of the following season.