

## SECTION 02940 - ARTIFICIAL GOLF GREENS

### PART 1 - GENERAL

#### 1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 1 Specification Sections, apply to this Section.

#### 1.2 DESCRIPTION OF WORK

- A. Furnish all materials, labor, equipment and services necessary to perform all Work.
- B. Work included in this Section includes grading necessary to shape and drain the green and base preparation and installation of the artificial turf in areas shown on Drawings. Also included are the placement and anchoring of driving range mats.

### PART 2 - PRODUCTS

#### 2.1 ARTIFICIAL PUTTING GREEN

- A. Geotextile Base Stabilizing Fabric: Fabric shall be a woven polypropylene material.
- B. Stone Base:
  - 1. One-inch minus crushed aggregate.
  - 2. 1/4-inch minus crushed aggregate.
- C. Turf: 1-1/8-inch Softrak™ putting green turf obtained through United Turf Industries, 5842 W. 21<sup>st</sup> N., Wichita, KS 67205, phone (316) 945-5996, or approved equal.
- D. Infill:
  - 1. RQS 2000 round quartz silica sand.
  - 2. Top Dressing: Ceramic coated black and green quartz silica sand.
- E. Mylar Splicing Material: 5-mil mylar.
- F. Adhesive: 3M-847.

2.2 DRIVING RANGE MATS

- A. Monofilament nylon turf on 5/8-inch shock pad obtained through United Turf Industries, 5842 W. 21<sup>st</sup> N., Wichita, KS 67205, phone (316) 945-5996, or approved equal.

PART 3 - EXECUTION

3.1 GROUND PREPARATION

- A. General: The ground area to receive artificial turf is indicated on the Drawings. Equipment necessary for the proper preparation of the ground surface and for handling and placing all required materials shall be on hand and in good condition before the Work is started.
- B. Leveling: Any irregularities in the surface resulting from equipment operations shall be leveled before installation operations are begun.

3.2 BASE CONSTRUCTION

- A. General: The area will need to be level and graded to drain. The grade is not to exceed 5 percent.
- B. Geotextile Base Stabilizing Fabric: The fabric is to be placed on compacted soil.
- C. Compacted Crushed Stone Base:
  - 1. Coarse Base: Three to four inches of one-inch minus crushed aggregate.
  - 2. Leveling Layer: 1 to 3 inches of 1/4-inch minus crushed aggregate.
- D. Turf: Place turf and cut to fit configuration as shown on Drawings. Splice seams.
- E. Infill: Broom in RQS2000 round quartz silica sand approximately 6 pounds per square foot for top dressing. Broom in ceramic-coated silica sand approximately 3/4-pound per square foot.
- F. Water roll surface until firm.

END OF SECTION 02940