# SECTION 11 6833

### **PART 1 GENERAL**

### 1.01 RELATED WORK: Review Contract Documents for requirements that affect work of this section. Specification sections that directly relate to work of this section include, but are not limited to:

        Section 33 3000 – Site Improvements

Section 32 1826 - Synthetic Grass Surfacing

        Section 03 3000 – Cast-in-Place Concrete

Section 11 6500 – Athletic & Recreational Equipment

Section 32 3126 – Composite Fences & Gates

1.02 SUBMITTALS

A. Product Data: Submit manufacturer’s product literature, technical specifications, and other data required to demonstrate compliance with specified requirements for all athletic equipment.

1.03 QUALITY ASSURANCE

A. Fabrication and installation of site improvements by experienced craftsmen with excellent record of performance on completed projects of comparable size, scope, and quality.

 B. All materials, hardware and furnishings shall be new, first quality.

1.04 FIELD MEASUREMENTS

A. Contractor shall verify position and layout of all athletic field equipment. Verify dimensions by field measurements.

* 1. DESCRIPTION

A. Athletic Wall System manufactured of extruded PVC.

### **PART 2 PRODUCTS**

2.01 ATHLETIC WALL SYSTEM: Vinyl wall panels supplied for the project shall meet or exceed all required physical characteristics as the minimum standard as defined below:

A. BASE: Shall be DiamondWall® as supplied by:

SportsEdge®

P.O. Box 837

259 Murdock Road

Troutman, NC 28166

P: 800-334-6057

info@sportsedge.com

www.sportsedge.com

1. COMPONENTS

 A: VINYL WALL PANELS: DiamondWall® Model **#SE.DWP** by SportsEdge

1. Structural Material: Virgin Polyvinyl Chloride (PVC)
2. Capstock (Color layer): Acrylonitrile Styrene Acrylate (ASA)
3. Thickness: The vinyl wall panel elements must have a minimum thickness of 0.240/0.250 inches.
4. Depth: The vinyl wall panels must have a maximum section depth of 3.0 inches.
5. Coverage & Interlocks: The vinyl wall panels must have a minimum width of 12 inches per sheet.
6. Overlap System: Panel face shall have alternating male and female lap joints for alignment and continuous appearance.
7. Colors: Designer/Owner to select from the following standard colors: Monster Green, Stadium Blue, All-Star Gray.
8. Warranty: Panels shall have a 20-year warranty against blistering, flaking, warping, peeling, corrosion or structural failure as a minimum standard.

2. ACCESSORIES:

 A. STADIUM GUARD CAP: Model **#SE.DWH**

1. Material: All synthetic capping shall be manufactured from high impact, UV-inhibited, Virgin Polyvinyl Chloride (PVC) &. Acrylonitrile Styrene Acrylate (ASA). Caps shall have three (3) slotted factory pre-drilled holes for installation of retaining screws.
2. StadiumGuard Dimensions: Capping shall be 8 feet long with one bell end for overlap with adjacent cap, 4.0 inches high (front) and 3.6 inches wide.
3. Color: Cap shall be RAL 1023 yellow.

B. END CAPS: Model **#SE.DWP.EC**

 I. End caps shall be provided for left and right ends of wall for finished appearance and

 to mask the ends of walers. End caps shall be the same color as wall panels.

C. HARDWARE

 I. QuickClips: Model **#SE.DWC** 11ga Galvanized steel brackets that engage

overlapping hooks at the back of panels and secure them to horizontal walers. Clips shall have four (4) projections at the corners that engage strut channel walers to self-center and prevent spinning during installation.

II. Cap screws: Model **#SE.DWH.S** shall be 410 grade stainless steel, with yellow

 painted heads.

3. PERFORMANCE & SAFETY:

 A. WALL PANELS: shall meet, as a minimum standard, the following safety criteria:

 I. Panels shall pass ASTM F2440-18.

 II. Average Gmax not to exceed 63 g’s.

 III. Average HIC not to exceed 249.

### **PART 3 EXECUTION**

3.01 INSTALLATION OF EQUIPMENT

A. All athletic equipment shall be installed as recommended with manufacturer's written directions, and as indicated on the drawings.

END OF SECTION