# SECTION 11 6500 Athletic Equipment - Field

### **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

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 ChampionWall® Model #SECW475 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: ChampionWall® Model #SECW475 by SportsEdge

1. All synthetic panels shall be manufactured entirely from a rigid, high impact, UV-inhibited, weatherable vinyl compound. All interior exposed surfaces of the vinyl wall panels shall be UV resistant, and comprised of virgin material with a minimum ASTM D4216 Cell Classification of 1-42443-33 to ensure reliable performance and color consistency. If mono-extrusion technology is used, the entire synthetic wall panel must be comprised of virgin vinyl material with a minimum ASTM D4216 Cell Classification of 1-42443-33.
2. Section Modulus: The minimum section modulus of the vinyl wall panels shall be no less than 9.3 in3 per linear foot of wall.
3. Moment of Inertia: The moment of inertia of the vinyl wall panels shall be no less than 45 in4 per linear foot of wall.
4. Thickness: The vinyl wall panel elements must have a minimum thickness of 0.240/0.250 inches.
5. Depth: The vinyl wall panels must have a maximum section depth of 7 inches to prevent web buckling.
6. Coverage & Interlocks: The vinyl wall panels must have a minimum width of 24 inches per sheet.
7. Locking System: All male interlocks must incorporate I-Beam Lock reinforcement to resist lock separation.
8. Colors: Designer/Owner to select from the following standard colors: Challenger Green, Defender Blue, Eliminator Gray

2. ACCESSORIES:

 A. Homerun Line Cap: Model #SECWHLC by SportsEdge

1. Material: All synthetic capping shall be manufactured entirely from a rigid, high impact, UV-inhibited, weatherable, virgin, HMW polyethylene compound. Capping shall be designed for appropriate and differential expansion & contraction, and appear continuous when installed.
2. Section Height: Capping shall have an interior height of 6 inches
3. Geometry: Capping shall be designed to minimize sharp corners at the bottom lip in the event of incidental contact
4. Thickness: Capping shall have a minimum thickness of 0.15 inches
5. Color: Capping shall be Pantone 116 yellow. All exposed surfaces shall be textured to minimize glare.

### **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