PART 1 GENERAL

1.01 SECTION INCLUDES
   A. End zone goal posts.
   B. Movable field stairs.
   C. Field wall padding
   D. End zone nets and supporting poles and cables.
   E. Sideline turf protectors.
   F. Scoreboard, Video Board, Delay-of-Game Clocks, & Timer Clocks: These items will be bid at a later date, under a separate bid package.

1.02 RELATED REQUIREMENTS
   A. Section 05.50.00 - Metal Fabrications: Secondary structural members supporting stadium equipment.
   B. Section 26.27.17 - Equipment Wiring.

1.03 REFERENCE STANDARDS
   A. AWS D1.1/D1.1M - Structural Welding Code - Steel; American Welding Society; 2011 w/Errata.
   B. NFPA 70 - National Electrical Code; Most Recent Edition Adopted by Authority Having Jurisdiction, Including All Applicable Amendments and Supplements.

1.04 ADMINISTRATIVE REQUIREMENTS
   A. Large Components: Ensure that large components can be moved into final position without damage to other construction.
   B. Electrically Operated Equipment: Coordinate location and electrical characteristics of service connection.

1.05 SUBMITTALS
   A. See Section 01.30.00 - Administrative Requirements, for submittal procedures.
   B. Product Data: Provide manufacturer's data showing configuration, sizes, materials, finishes, hardware, and accessories; include:
      1. Electrical characteristics and connection locations.
      2. Structural steel welder certifications.
      3. Manufacturer's installation instructions.
   C. Shop Drawings: For custom fabricated equipment indicate, in large scale detail, construction methods; method of attachment or installation; type and gage of metal, hardware, and fittings; plan front elevation; elevations and dimensions; minimum one cross section; utility requirements as to types, sizes, and locations.
   D. Erection Drawings: Detailed dimensional requirements for proper location of equipment.
   E. Samples: Submit samples of wall pad coverings in manufacturer's available range of colors.
   F. Operating and maintenance data, for each operating equipment item.
   G. Warranty: Submit manufacturer warranty and ensure that forms have been completed in Owner's name and registered with manufacturer.
1.06 QUALITY ASSURANCE
   A. Manufacturer Qualifications: Company specializing in manufacturing products specified in this section, with not less than three years of documented experience.
   B. Installer Qualifications: Company specializing in performing work of the type specified with minimum 5 years of experience.

1.07 DELIVERY, STORAGE, AND HANDLING
   A. Deliver products to project site in manufacturer's original packaging with factory original labels attached.
   B. Store products indoors and elevated above floor; prevent warping, twisting, or sagging.
   C. Store products in accordance with manufacturer's instructions; protect from extremes of weather, temperature, moisture, and other damage.

1.08 WARRANTY
   A. See Section 01.78.00 - Closeout Submittals, for additional warranty requirements.
   B. Provide 5 year manufacturer warranty for all items.

PART 2 PRODUCTS

2.01 MANUFACTURERS
   A. Stadium Equipment:
      2. End Zone Nets, Poles & Cabling: End Zone Net with Skypole supporting poles and cable hoisting system, Gilma Gear, gilamgear.com.
      4. Field Wall Padding: Sports Field Specialties, Model No. FWPCLH1, Base Zone Field Wall Padding; sportsfieldspecialties.com.

2.02 STADIUM EQUIPMENT - GENERAL REQUIREMENTS
   A. See drawings for sizes and locations, unless noted otherwise.
   B. Where mounting dimensions or sizes are not indicated, comply with applicable requirements of the following:
      1. Southern Conference.
   C. Provide mounting plates, brackets, and anchors of sufficient size and strength to securely attach equipment to building structure; comply with requirements of contract documents.
   D. Hardware: Heavy duty steel hardware, as recommended by manufacturer.
   E. Electrical Wiring and Components: Comply with NFPA 70; provide UL-listed equipment.
   F. Structural Steel Fabrications: Welded in accordance with AWS D1.1/D1.1M, using certified welders.

2.03 WALL PADDING
   A. Wall Padding: Foam filling bonded to liner fabric, wrapped in covering; each panel fabricated in one piece.
         a. Color: As selected from manufacturer's standard range.
c. Fabric Weight: 14 oz/sq yd.
2. Foam: Open cell polychloroprene (Neoprene) 5.5 pcf nominal density.
3. Foam Thickness: 2 inches.

B. Specially Shaped Padding: Same construction as standard padding; custom fabricate to fit irregularly shaped areas as required.

C. Goal Post Padding: Same construction as standard padding; made to fit; with grommet strip on each long side of pad, provide laces.

PART 3 EXECUTION

3.01 EXAMINATION

A. Take field measurements to ensure proper fitting of work. If taking field measurements before fabrication will delay work, allow for adjustments within recommended tolerances.

B. Inspect areas and conditions before installation. Notify Architect in writing of unsatisfactory or detrimental conditions. Do not proceed until conditions have been corrected. Commencing installation constitutes acceptance of work site conditions.

C. Verify that electrical services are correctly located and of the proper characteristics.

3.02 INSTALLATION

A. Install in accordance with contract documents and manufacturer's instructions.

B. Coordinate installation of inserts and anchors that must be built in to other elements/structures.

C. Install equipment rigid, straight, plumb, and level.

D. Secure all equipment with manufacturer's recommended anchoring devices.

E. Install wall padding securely, with edges tight to wall and without wrinkles in fabric covering.

F. Separate dissimilar metals to prevent electrolytic corrosion.

3.03 ADJUSTING

A. Verify proper placement of equipment.

B. Verify proper placement of equipment anchors and sleeves. Use actual movable equipment to be anchored if available.

C. Adjust operating equipment for proper operation; remove and replace equipment causing noise or vibration. Lubricate equipment if recommended by manufacturer.

3.04 CLEANING

A. Remove masking or protective covering from finished surfaces.

B. Clean equipment in accordance with manufacturer's recommendations.

3.05 PROTECTION

A. Protect installed products until Date of Substantial Completion.

B. Replace damaged products before Date of Substantial Completion.

END OF SECTION