**Gill Athletics, Inc.**

**FB16335 – EXPANDABLE ALUMINUM GROUND SLEEVE FOOTBALL GOAL; 6’ OFFSET; 35’ SPLICED UPRIGHT**

**SECTION 11 68 33.13**

**FOOTBALL GOAL**

**PART 1 GENERAL**

**1.01 SECTION INCLUDES**

A. FOOTBALL GOAL

**1.02 RELATED SECTIONS**

A. Section 31 23 00 Excavation and Fill.

B. Section 03 30 00 Cast-in-Place Concrete.

C. Section 32 18 23 Athletic Surfacing.

D. Section 32 12 16 Asphalt Paving.

**1.03 REFERENCES**

1. NFHS – National Federation of State High School Associations (NFHS)
2. NCAA – National Collegiate Athletic Association (NCAA)
3. IAAF – International Association of Athletics Federations (IAAF)
4. FIFA – International Federation of Association Football
5. FIBA – International Basketball Federation

**1.04 DESIGN REQUIREMENTS**

1. Football Goal: Locate position of football goal on the site plan.
2. Verify that site conditions are adequate to support loads imposed by football goal.

**1.05 SUBMITTALS**

1. Comply with Section 01 33 00 – Submittal Procedures.
2. Product Data: Submit manufacturer's product data, including materials, components, fabrication, finish, and installation instructions.
3. Operation and Maintenance Manual: Submit manufacturer's operation and maintenance manual; including operation, maintenance, adjustment, and cleaning instructions; trouble shooting guide; parts list.

**1.06 QUALITY ASSURANCE**

A. Single Source Responsibility: Provide football goal from single manufacturer.

B. Manufacturer's Qualifications: Minimum of 5 consecutive years of experience manufacturing football goals similar to that specified.

C. Installer's Qualifications: Contractor experienced with track & field installation, concrete work, asphalt paving, and track surfacing.

D. Regulatory Requirements: Football goal shall conform to latest rules and regulations.

1. National Federation of State High School Associations (NFHS).

2. National Collegiate Athletic Association (NCAA)

3. International Association of Athletics Federations (IAAF)

4. International Federation of Association Football (FIFA)

5. International Basketball Federation (FIBA)

**1.07 DELIVERY, STORAGE, AND HANDLING**

A. Delivery: Deliver materials to site in manufacturer's original, unopened containers and packaging, with labels clearly identifying product name and manufacturer.

B. Storage: Store materials in clean, dry area indoors in accordance with manufacturer's instructions. Keep temporary protective coverings in place.

C. Handling: Protect materials and finish from damage during handling and installation.

**1.08 WARRANTY**

A. Provide 1-year warranty against defects in materials and workmanship, unless otherwise specified.

**PART 2 PRODUCTS**

**2.01 MANUFACTURER**

A. Manufactured and Supplied by:

 Gill Athletics, Inc.

 601 Mercury Drive

 Champaign, Illinois 61822

 Toll Free (800) 637-3090

 Phone (217) 367-8438

 Fax (217) 367-8440

 Web Site [www.gillathletics.com](http://www.gillathletics.com)

 E-Mail sales@gillathletics.com

**2.02 FB16335 – EXPANDABLE ALUMINUM GROUND SLEEVE FOOTBALL GOAL; 6’ OFFSET; 35’ SPLICED UPRIGHT**

1. COMPONENTS:
2. Offset Pole
	1. 6” Schedule 40 Aluminum Pipe
	2. 6’ Offset
	3. 16”x16”x 3/4” Welded Mounting Plate
	4. Powder Coat White or Optic Yellow
3. Crossbar
	1. 6” Schedule 40 Aluminum Pipe
	2. Adjustable between Uprights meet High School (23’-4”) and Collegiate (18’-6”) Standards
	3. Internal tapped plates
	4. Powder Coated White or Optic Yellow
4. Upright Elbow
	1. Aluminum weldment
	2. Adjustable between Uprights meet High School (23’-4”) and Collegiate (18’-6”) Standards
	3. Internal tapped plates
	4. Powder Coated White or Optic Yellow
5. Top Uprights
	1. 4”OD X 1/8” wall Aluminum Tube
	2. 15’
	3. Aluminum Plate Cap
	4. Powder Coated White or Optic Yellow
6. Bottom Uprights
	1. 4”OD x 1/8” wall Aluminum Tube
	2. 20’
	3. Powder Coated White or Optic Yellow
7. Splice Kit
	1. 3.68 OD 18.25” Long Splice Tube
	2. Zinc Splice Hardware
8. Hardware
	1. Offset Pole to Crossbar
		1. 5/8”- 11 Gr8 Bolts with Thread Locking Patch
		2. Serrated Wedge Lock Washers
	2. Crossbar to Upright Elbow
		1. 5/8”-11 Gr8 Bolts with Thread Locking Patch
		2. Serrated Wedge Lock Washers
	3. Upright Elbow to Upright
		1. ½”-13 Gr5 Bolts
		2. ½”-13 Nylock Nuts
9. Flags
	1. 42” x 4” Reinforced Vinyl Flag
	2. Abrasion resistant spacer disc

Abrasion resistant flag swivel connector

**2.03 F39901 – GROUND SLEEVE**

1. COMPONENTS:
2. Ground Sleeve
	1. 8” Schedule 40 Steel Pipe
	2. 60” long

**PART 3 EXECUTION**

**3.01 EXAMINATION**

A. Examine area to receive football goal. Notify Architect in writing of conditions that would adversely affect installation or subsequent use. Do not proceed with installation until unsatisfactory conditions are corrected.

**3.02 INSTALLATION**

A. Install football goal in accordance with manufacturer's instructions at locations indicated on the Drawings.

B. Install equipment plumb, level, straight, square, accurately aligned, correctly located, to proper elevation, and secure.

C. Install equipment using manufacturer's supplied hardware and fasteners.

D. Repair minor damages to finish in accordance with manufacturer's instructions and as approved by Architect.

1. Remove and replace damaged components that cannot be successfully repaired, as determined by Architect.

**3.03 ADJUSTING**

1. Adjust football goal to plumb and level as appropriate.

 **END OF SECTION**