**Gill Athletics, Inc.**

**739020 – 20’ Ball Stop**

**SECTION 11 68 33**

**20’ BALL STOP**

**PART 1 GENERAL**

**1.01 SECTION INCLUDES**

A. 20’ BALL STOP

**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. Ball Stops: Locate positions of ball stops on the site plan.
2. Verify that site conditions are adequate to support loads imposed by ball stops.

**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 ball stops from single manufacturer.

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

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

D. Regulatory Requirements: Ball stops shall conform to latest rules and regulations.

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

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**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 739020 – 20’ BALL STOP**

1. COMPONENTS:
2. Ball Stop Net
	1. 20’ Tall
	2. 20’ Wide Sections Standard, Custom Length Continuous Net Available
	3. 5/16” Black, UV Stable Nylon Rope
	4. 1-3/4” Knotless Mesh
	5. Perimeter Binding Rope on all Four Sides
3. Ball Stop Uprights
	1. 4” OD, 1/8” Thick Aluminum Pipe
	2. 20’ Above-Ground Height
	3. Powder Coat; 16 Colors Available
	4. Black Vinyl Pipe Cap
4. Vertical Support and Top Cables
	1. 1/8” DIA, Vinyl Coated, Galvanized Steel Cable
5. Hardware
	1. Zinc Plated Hardware
6. Ground Sleeves
	1. 4.5” OD, 7GA, Galvanized Steel Pipe
	2. 40” Long

**2.03 73119021 – GROUND SLEEVE CAP**

1. COMPONENTS:
2. Ground Sleeve Cap
	1. Welded Aluminum Construction

**PART 3 EXECUTION**

**3.01 EXAMINATION**

A. Examine areas to receive ball stops. 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 ball stops 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 ball stops to plumb and level as appropriate.

 **END OF SECTION**