**Gill Athletics, Inc.**

**732260 – PORTABLE SHOT PUT CAGE**

**SECTION 11 68 33.43**

**PORTABLE SHOT PUT CAGE**

**PART 1 GENERAL**

**1.01 SECTION INCLUDES**

A. Shot Put Cage

**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. Shot Put Cage: Locate positions of Shot Put Cage on the site plan.
2. Verify that site conditions are adequate to support loads imposed by Shot Put Cage.

**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 Shot Put Cage from single manufacturer.

B. Manufacturer's Qualifications: Minimum of 5 consecutive years of experience manufacturing Shot Put Cage similar to that specified.

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

D. Regulatory Requirements: Shot Put Cage 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 5-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 732260 – PORTABLE SHOT PUT CAGE**

1. COMPONENTS:
2. Net Poles
	1. Consists of four (4) net poles
	2. Constructed of 2½” Sch40 aluminum pipe
	3. Approximately 206” long
	4. Net poles will be welded to a rectangular bolting plate
	5. Net poles will have rope tie-off cleats
	6. The top of the net poles will be capped
	7. Net poles will have holes for installing hardware to hang the net from
3. Net Pole Base
	1. Consists of four (4) bases
	2. Constructed of a series of steel tube and angles
	3. 44”x44” foot print
	4. Powder coated flat black
4. Hoisting Rope
	1. Rope used to hang the net from the net poles will be 1/4” braided polyester
5. Net
	1. Constructed of 100% white nylon 6 yarn solution dyed black
	2. 1 7/8”sq mesh (3 ¾” stretch mesh), raschel knotless netting
	3. UV stabilized and heat-set
	4. 180lb break strength
	5. Rope bound
	6. 13’-6” x 42’-6”
6. Powder Coat Options
	1. light blue, royal blue, red, white, orange, yellow, silver, gold, gray, marron, purple, black, navy blue, Kelly green and dark green
7. Hardware
	1. All hardware is to be zinc plated
8. Ballast Jugs
	1. Consists of 16 jugs
	2. 5 gallon each
9. Jug Covers
	1. Consists of 16 covers
	2. Gray 15oz vinyl
10. Warning Signs
	1. Consists of three (3) warning signs constructed of polyethylene board 10” x 14”
	2. The warning signs will be fastened to the outside of the net, at eye level, facing outward, at the front sides of the discus cage and at the rear of the discus cage

**PART 3 EXECUTION**

**3.01 EXAMINATION**

A. Examine areas to receive Shot Put Cage. 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 Shot Put Cage 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 Shot Put Cage to plumb and level as appropriate.

 **END OF SECTION**