**572-4100R IAAF Hammer/Discus Cage with Ground Sleeves-Certified**

SECTION 11 68 33.43 Track and Field Equipment

PART 1 GENERAL

**1.01 WORK INCLUDED**

**A.** Provide all equipment and materials, and do all work necessary to furnish

 and install the athletic equipment, as indicated on the drawings and as

 specified herein. Athletic equipment shall include, but not be limited to:

1. 572-4100R IAAF Hammer/Discus Cage with Ground Sleeves- Certified

**1.02 RELATED WORK**

**A.** Examine contract documents for requirements that affect work of this

 section. Other specification sections that directly relate to the work of

 this section include, but are not limited to:

 1. Section 02200 – Earthwork; Excavation and Backfill and

 establishment of sub-grade elevations.

 2. Section 02511 – Asphalt, Concrete, and Pavement

 3. Section 02535 – Synthetic Track Surfacing

 4. Section 02542 – Synthetic Field Surfacing

 5. Section 03300 – Cast-in-Place Concrete

**1.03 REFERENCES**

**A.** Comply with applicable requirements of the following standards. Where

 these standards conflict with other specified requirements, the most

 restrictive requirements shall govern.

 1. World Athletics (IAAF)

 2. National Collegiate Athletic Association (NCAA)

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

4. American Sports Builders Association (ASBA)

 5. Manufacturers Data and Recommended Installation

 Requirements

**1.04 SUBMITTALS**

**A.** Manufacturers Product Data

 1. Provide manufacturers product data prior to actual field

 installation work, for Architects or Owners representatives

 review.

**B.** Shop Drawings

 1. Provide drawings of the manufacturers recommended

 installation and foundation requirements prior to actual field

 installation work, for Architects or Owners representatives

 review.

**1.05 QUALITY ASSURANCE**

**A.** Manufacturers warranties shall pass to the Owner and certification made

 that the product materials meet all applicable grade trademarks or conform to industry standards and inspection requirements.

**B.** Single Source Responsibility: Provide equipment from single manufacturer

**C.** Manufacturer’s Qualifications: Minimum of 7 consecutive years experience manufacturing items similar to that specified.

**1.06 PRODUCT DELIVERY AND STORAGE**

**A.** Materials delivered to the site shall be examined for damage or defects in shipping. Any defects shall be noted and reported to the Owners representative. Replacements, if necessary, shall be immediately re- ordered, so as to minimize any conflict with the construction schedule. Sound materials shall be stored above ground under protective cover or indoors so as to provide proper protection.

**1.7 WARRANTY**

**A.** Provide 3-year warranty against defects in materials and workmanship, unless otherwise specified. Nets are not covered by the warranty.

**PART 2 PRODUCTS**

**2. 1 MANUFACTURERS**

**A.** Acceptable Manufacturer: UCS, Inc. 511 Hoffman Road, Lincolnton, NC 28092, phone 800-526-4856, fax 704-732-9559, web address: www.ucsspirit.com

**B.** Substitutions:Not Permitted

**2.2 IAAF Hammer/Discus Cage with Ground Sleeves-Certified**

**A**. 572-4100R IAAF Hammer/Discus Cage with Ground Sleeves- Certified

Six Posts are 7m (22’11 5/8”) High, 2 Posts are 10m (32’10”) High, and Door Posts and Doors are 10m in height. Doors are 1.98m wide (6’ 6”).

**Net:** Heavy Duty 44mm Nylon Netting. Includes Ropes for raising and lowering. Single Piece Main Body Net for Safety and 2 Door Nets, no gaps for implement to pass through

**Posts:** Six custom extruded 4” diameter x ¼” Thick aluminum posts - - 7.9m (26’)+ in overall length. **Two** additional posts with an overall length of 36’ 10”. The posts are installed vertically and slide into and out of the Ground Sleeves for easy Assembly or Takedown for off-season storage. Included are Aluminum Caps for the Ground Sleeves for when cage is not set up. Position allows for 34.92 Degree sector. All Posts feature a rope Storage Cleat and Pulleys to assist in raising and lowering the net. Mill Finish Posts- Powder Coat Available

**Door Posts:** 4”x ½” Zeneel with Rotation in Ground Sleeves – Door Height Reaches 10m (36’10”)

**Ground Sleeves**: Six 36” and four 48” ground sleeves are finished with a 45-degree base, uprights cut to match 45-degree base locking posts into correct position.

**Net Stabilizer Arms:** Extend 30 ½” from Posts attach to net, Powder Coated Steel return the net to the original straight hang position. The net has a “skirt-loose” bottom for maximum protection

**WORLD ATHLETICS CERTIFICATE No:** E-99-0058

# **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**

**716-1630 Shot Put Toe Board (Depressed Pad)**

SECTION 11 68 33.43 Track and Field Equipment

**PART 1 GENERAL**

**1.01 WORK INCLUDED**

**A.** Provide all equipment and materials, and do all work necessary to furnish

 and install the athletic equipment, as indicated on the drawings and as

 specified herein. Athletic equipment shall include, but not be limited to:

 1. 716-1630 Shot Put Toe Board (Depressed Pad)

**1.02 RELATED WORK**

**A.** Examine contract documents for requirements that affect work of this

 section. Other specification sections that directly relate to the work of

 this section include, but are not limited to:

 1. Section 02200 – Earthwork; Excavation and Backfill and

 establishment of sub-grade elevations.

 2. Section 02511 – Asphalt, Concrete, and Pavement

 3. Section 02535 – Synthetic Track Surfacing

 4. Section 02542 – Synthetic Field Surfacing

 5. Section 03300 – Cast-in-Place Concrete

**1.03 REFERENCES**

**A.** Comply with applicable requirements of the following standards. Where

 these standards conflict with other specified requirements, the most

 restrictive requirements shall govern.

 1. World Athletics (Formally IAAF) 2. National Collegiate Athletic Association (NCAA)

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

4. American Sports Builders Association (ASBA)

 5. Manufacturers Data and Recommended Installation

 Requirements

**1.04 SUBMITTALS**

**A.** Manufacturers Product Data

 1. Provide manufacturers product data prior to actual field

 installation work, for Architects or Owners representatives review.

**B.** Shop Drawings

 1. Provide drawings of the manufacturers recommended

 installation and foundation requirements prior to actual field

 installation work, for Architects or Owners representatives

 review.

**1.05 QUALITY ASSURANCE**

**A.** Manufacturers warranties shall pass to the Owner and certification made

 that the product materials meet all applicable grade trademarks or conform to industry standards and inspection requirements.

**B.** Single Source Responsibility: Provide equipment from single manufacturer

**C.** Manufacturer’s Qualifications: Minimum of 7 consecutive years experience manufacturing items similar to that specified.

**1.06 PRODUCT DELIVERY AND STORAGE**

**A.** Materials delivered to the site shall be examined for damage or defects in shipping. Any defects shall be noted and reported to the Owners representative. Replacements, if necessary, shall be immediately re- ordered, so as to minimize any conflict with the construction schedule. Sound materials shall be stored above ground under protective cover or indoors so as to provide proper protection.

**1.7 WARRANTY**

**A.** Provide 3-year warranty against defects in materials and workmanship, unless otherwise specified. Lifetime guarantee against rusting, splitting, delaminating or warping.

**PART 2 PRODUCTS**

**2. 1 MANUFACTURERS**

**A.** Acceptable Manufacturer: UCS, Inc. 511 Hoffman Road, Lincolnton, NC 28092, phone 800-526-4856, fax 704-732-9559, web address: www.ucsspirit.com

**B.** Substitutions:Not Permitted

**2.2 Aluminum Shot Put Toe Board (Depressed Pad)**

**A**. Model # 519-1630 Aluminum Toe Board having the following attributes:

 A. Standard Size, 3.25” Height for Depressed Pad Installation

 B. Powder Coated White

**WORLD ATHLETICS CERTIFICATE:** E-99-0055

# **PART 3 EXECUTION**

**3. 1 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**

**716-1640 Shot Put Toe Board (Level Pad)**

SECTION 11 68 33.43 Track and Field Equipment

**PART 1 GENERAL**

**1.1 WORK INCLUDED**

**A.** Provide all equipment and materials, and do all work necessary to furnish

 and install the athletic equipment, as indicated on the drawings and as

 specified herein. Athletic equipment shall include, but not be limited to:

 1. 519-1640 Shot Put Toe Board (Level Pad)

**1.2 RELATED WORK**

**A.** Examine contract documents for requirements that affect work of this

 section. Other specification sections that directly relate to the work of

 this section include, but are not limited to:

 1. Section 02200 – Earthwork; Excavation and Backfill and

 establishment of sub-grade elevations.

 2. Section 02511 – Asphalt, Concrete, and Pavement

 3. Section 02535 – Synthetic Track Surfacing

 4. Section 02542 – Synthetic Field Surfacing

 5. Section 03300 – Cast-in-Place Concrete

**1.3 REFERENCES**

**A.** Comply with applicable requirements of the following standards. Where

 these standards conflict with other specified requirements, the most

 restrictive requirements shall govern.

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

2. American Sports Builders Association (ASBA)

 3. Manufacturers Data and Recommended Installation

 Requirements

**1.4 SUBMITTALS**

**A.** Manufacturers Product Data

 1. Provide manufacturers product data prior to actual field

 installation work, for Architects or Owners representatives review.

**B.** Shop Drawings

 1. Provide drawings of the manufacturers recommended

 installation and foundation requirements prior to actual field

 installation work, for Architects or Owners representatives

 review.

**1.5 QUALITY ASSURANCE**

**A.** Manufacturers warranties shall pass to the Owner and certification made

 that the product materials meet all applicable grade trademarks or conform to industry standards and inspection requirements.

**B.** Single Source Responsibility: Provide equipment from single manufacturer

**C.** Manufacturer’s Qualifications: Minimum of 7 consecutive years experience manufacturing items similar to that specified.

**1.6 PRODUCT DELIVERY AND STORAGE**

**A.** Materials delivered to the site shall be examined for damage or defects in shipping. Any defects shall be noted and reported to the Owners representative. Replacements, if necessary, shall be immediately re- ordered, so as to minimize any conflict with the construction schedule. Sound materials shall be stored above ground under protective cover or indoors so as to provide proper protection.

**1.7 WARRANTY**

**A.** Provide 3-year warranty against defects in materials and workmanship, unless otherwise specified. Lifetime guarantee against rusting, splitting, delaminating or warping.

**PART 2 PRODUCTS**

**2. 1 MANUFACTURERS**

**A.** Acceptable Manufacturer: UCS, Inc. 511 Hoffman Road, Lincolnton, NC 28092, phone 800-526-4856, fax 704-732-9559, web address: www.ucsspirit.com

**B.** Substitutions:Not Permitted

**2.2 CAST Aluminum Shot Put Toe Board (Level Pad)**

**A**. Model 716-1640 Cast Aluminum Toe Board having the following attributes:

 A. Standard Size, 4.0in Height for Level Pad Installation

 B. Powder Coated White

# **PART 3 EXECUTION**

**3.1 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**

**725-2530 Webbed Style Discus Circle**

SECTION 11 68 33.43 Track and Field Equipment

PART 1 GENERAL

**1.1 WORK INCLUDED**

**A.** Provide all equipment and materials, and do all work necessary to furnish

 and install the athletic equipment, as indicated on the drawings and as

 specified herein. Athletic equipment shall include, but not be limited to:

 1. 725-2530 Webbed Style Discus Circle

**1.2 RELATED WORK**

**A.** Examine contract documents for requirements that affect work of this

 section. Other specification sections that directly relate to the work of

 this section include, but are not limited to:

 1. Section 02200 – Earthwork; Excavation and Backfill and

 establishment of sub-grade elevations.

 2. Section 02511 – Asphalt, Concrete, and Pavement

 3. Section 02535 – Synthetic Track Surfacing

 4. Section 02542 – Synthetic Field Surfacing

 5. Section 03300 – Cast-in-Place Concrete

**1.3 REFERENCES**

**A.** Comply with applicable requirements of the following standards. Where

 these standards conflict with other specified requirements, the most

 restrictive requirements shall govern.

 1. World Athletics (Formally IAAF) 2. National Collegiate Athletic Association (NCAA)

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

4. American Sports Builders Association (ASBA)

 5. Manufacturers Data and Recommended Installation

 Requirements

**1.4 SUBMITTALS**

**A.** Manufacturers Product Data

 1. Provide manufacturers product data prior to actual field

 installation work, for Architects or Owners representatives

 review.

**B.** Shop Drawings

 1. Provide drawings of the manufacturers recommended

 installation and foundation requirements prior to actual field

 installation work, for Architects or Owners representatives

 review.

**1.5 QUALITY ASSURANCE**

**A.** Manufacturers warranties shall pass to the Owner and certification made

 that the product materials meet all applicable grade trademarks or conform to industry standards and inspection requirements.

**B.** Single Source Responsibility: Provide equipment from single manufacturer

**C.** Manufacturer’s Qualifications: Minimum of 7 consecutive years experience manufacturing items similar to that specified.

**1.6 PRODUCT DELIVERY AND STORAGE**

**A.** Materials delivered to the site shall be examined for damage or defects in shipping. Any defects shall be noted and reported to the Owners representative. Replacements, if necessary, shall be immediately re- ordered, so as to minimize any conflict with the construction schedule. Sound materials shall be stored above ground under protective cover or indoors so as to provide proper protection.

**1.7 WARRANTY**

**A.** Provide 3-year warranty against defects in materials and workmanship, unless otherwise specified

**PART 2 PRODUCTS**

**2. 1 MANUFACTURERS**

**A.** Acceptable Manufacturer: UCS, Inc. 511 Hoffman Road, Lincolnton, NC 28092, phone 800-526-4856, fax 704-732-9559, web address: www.ucsspirit.com

**B.** Substitutions:Not Permitted

**2.2 Webbed Style Discus Circle**

A. 725-2530 Circle fabricated with 2.5in x 3/8” Powder Coated Steel

 having the following attributes:

 A. Steel Cross Supports of 3/4” x 3/4” x 3/8” angle

**WORLD ATHLETICS CERTIFICATE:** E-99-0065

# **PART 3 EXECUTION**

**3.1 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**

**725-2535 Concentric Circle**

SECTION 11 68 33.43 Track and Field Equipment

PART 1 GENERAL

**1.01 WORK INCLUDED**

**A.** Provide all equipment and materials, and do all work necessary to furnish

 and install the athletic equipment, as indicated on the drawings and as

 specified herein. Athletic equipment shall include, but not be limited to:

 1. 725-2535 Concentric Circle

**1.02 RELATED WORK**

**A.** Examine contract documents for requirements that affect work of this

 section. Other specification sections that directly relate to the work of

 this section include, but are not limited to:

 1. Section 02200 – Earthwork; Excavation and Backfill and

 establishment of sub-grade elevations.

 2. Section 02511 – Asphalt, Concrete, and Pavement

 3. Section 02535 – Synthetic Track Surfacing

 4. Section 02542 – Synthetic Field Surfacing

 5. Section 03300 – Cast-in-Place Concrete

**1.03 REFERENCES**

**A.** Comply with applicable requirements of the following standards. Where

 these standards conflict with other specified requirements, the most

 restrictive requirements shall govern.

 1. World Athletics (Formally IAAF) 2. National Collegiate Athletic Association (NCAA)

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

4. American Sports Builders Association (ASBA)

 5. Manufacturers Data and Recommended Installation

 Requirements

**1.04 SUBMITTALS**

**A.** Manufacturers Product Data

 1. Provide manufacturers product data prior to actual field

 installation work, for Architects or Owners representatives

 review.

**B.** Shop Drawings

 1. Provide drawings of the manufacturers recommended

 installation and foundation requirements prior to actual field

 installation work, for Architects or Owners representatives

 review.

**1.05 QUALITY ASSURANCE**

**A.** Manufacturers warranties shall pass to the Owner and certification made

 that the product materials meet all applicable grade trademarks or conform to industry standards and inspection requirements.

**B.** Single Source Responsibility: Provide equipment from single manufacturer

**C.** Manufacturer’s Qualifications: Minimum of 7 consecutive years experience manufacturing items similar to that specified.

**1.06 PRODUCT DELIVERY AND STORAGE**

**A.** Materials delivered to the site shall be examined for damage or defects in shipping. Any defects shall be noted and reported to the Owners representative. Replacements, if necessary, shall be immediately re- ordered, so as to minimize any conflict with the construction schedule. Sound materials shall be stored above ground under protective cover or indoors so as to provide proper protection.

**1.7 WARRANTY**

**A.** Provide 3-year warranty against defects in materials and workmanship, unless otherwise specified

**PART 2 PRODUCTS**

**2. 1 MANUFACTURERS**

**A.** Acceptable Manufacturer: UCS, Inc. 511 Hoffman Road, Lincolnton, NC 28092, phone 800-526-4856, fax 704-732-9559, web address: www.ucsspirit.com

**B.** Substitutions:Not Permitted

**2.2 Concentric Circle**

**A**. 725-2535 Aluminum Concentric Circle fabricated with Cast Aluminum, 84” in Diameter

 **WORLD ATHLETICS CERTIFICATE**: E-99-0066

# **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**

**725-2540 Webbed Style Shot Put Circle**

SECTION 11 68 33.43 Track and Field Equipment

PART 1 GENERAL

**1.1 WORK INCLUDED**

**A.** Provide all equipment and materials, and do all work necessary to furnish

 and install the athletic equipment, as indicated on the drawings and as

 specified herein. Athletic equipment shall include, but not be limited to:

 1. 725-2540 Webbed Style Shot Put Circle

**1.2 RELATED WORK**

**A.** Examine contract documents for requirements that affect work of this

 section. Other specification sections that directly relate to the work of

 this section include, but are not limited to:

 1. Section 02200 – Earthwork; Excavation and Backfill and

 establishment of sub-grade elevations.

 2. Section 02511 – Asphalt, Concrete, and Pavement

 3. Section 02535 – Synthetic Track Surfacing

 4. Section 02542 – Synthetic Field Surfacing

 5. Section 03300 – Cast-in-Place Concrete

**1.3 REFERENCES**

**A.** Comply with applicable requirements of the following standards. Where

 these standards conflict with other specified requirements, the most

 restrictive requirements shall govern.

 1. World Athletics (Formally IAAF) 2. National Collegiate Athletic Association (NCAA)

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

4. American Sports Builders Association (ASBA)

 5. Manufacturers Data and Recommended Installation

 Requirements

**1.4 SUBMITTALS**

**A.** Manufacturers Product Data

 1. Provide manufacturers product data prior to actual field

 installation work, for Architects or Owners representatives

 review.

**B.** Shop Drawings

 1. Provide drawings of the manufacturers recommended

 installation and foundation requirements prior to actual field

 installation work, for Architects or Owners representatives

 review.

**1.5 QUALITY ASSURANCE**

**A.** Manufacturers warranties shall pass to the Owner and certification made

 that the product materials meet all applicable grade trademarks or conform to industry standards and inspection requirements.

**B.** Single Source Responsibility: Provide equipment from single manufacturer

**C.** Manufacturer’s Qualifications: Minimum of 7 consecutive years experience manufacturing items similar to that specified.

**1.6 PRODUCT DELIVERY AND STORAGE**

**A.** Materials delivered to the site shall be examined for damage or defects in shipping. Any defects shall be noted and reported to the Owners representative. Replacements, if necessary, shall be immediately re- ordered, so as to minimize any conflict with the construction schedule. Sound materials shall be stored above ground under protective cover or indoors so as to provide proper protection.

**1.7 WARRANTY**

**A.** Provide 3-year warranty against defects in materials and workmanship, unless otherwise specified

**PART 2 PRODUCTS**

**2. 1 MANUFACTURERS**

**A.** Acceptable Manufacturer: UCS, Inc. 511 Hoffman Road, Lincolnton, NC 28092, phone 800-526-4856, fax 704-732-9559, web address: www.ucsspirit.com

**B.** Substitutions:Not Permitted

**2.2 Webbed Style Shot Put Circle**

**A.**  725-2540 Circle fabricated with 2.5in x 3/8” Powder Coated Steel

 having the following attributes:

 A. Steel Cross Supports of 3/4” x 3/4” x 3/8” angle

**WORLD ATHLETICS CERTIFICATE:** E-99-0064

# **PART 3 EXECUTION**

**3.1 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**

**725-2550 Webbed Style Hammer Circle**

SECTION 11 68 33.43 Track and Field Equipment

PART 1 GENERAL

**1.1 WORK INCLUDED**

**A.** Provide all equipment and materials, and do all work necessary to furnish

 and install the athletic equipment, as indicated on the drawings and as

 specified herein. Athletic equipment shall include, but not be limited to:

 1. 725-2550 Webbed Style Hammer Circle

**1.2 RELATED WORK**

**A.** Examine contract documents for requirements that affect work of this

 section. Other specification sections that directly relate to the work of

 this section include, but are not limited to:

 1. Section 02200 – Earthwork; Excavation and Backfill and

 establishment of sub-grade elevations.

 2. Section 02511 – Asphalt, Concrete, and Pavement

 3. Section 02535 – Synthetic Track Surfacing

 4. Section 02542 – Synthetic Field Surfacing

 5. Section 03300 – Cast-in-Place Concrete

**1.3 REFERENCES**

**A.** Comply with applicable requirements of the following standards. Where

 these standards conflict with other specified requirements, the most

 restrictive requirements shall govern.

 1. World Athletics (Formally IAAF) 2. National Collegiate Athletic Association (NCAA)

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

4. American Sports Builders Association (ASBA)

 5. Manufacturers Data and Recommended Installation

 Requirements

**1.4 SUBMITTALS**

**A.** Manufacturers Product Data

 1. Provide manufacturers product data prior to actual field

 installation work, for Architects or Owners representatives

 review.

**B.** Shop Drawings

 1. Provide drawings of the manufacturers recommended

 installation and foundation requirements prior to actual field

 installation work, for Architects or Owners representatives

 review.

**1.5 QUALITY ASSURANCE**

**A.** Manufacturers warranties shall pass to the Owner and certification made

 that the product materials meet all applicable grade trademarks or conform to industry standards and inspection requirements.

**B.** Single Source Responsibility: Provide equipment from single manufacturer

**C.** Manufacturer’s Qualifications: Minimum of 7 consecutive years experience manufacturing items similar to that specified.

**1.6 PRODUCT DELIVERY AND STORAGE**

**A.** Materials delivered to the site shall be examined for damage or defects in shipping. Any defects shall be noted and reported to the Owners representative. Replacements, if necessary, shall be immediately re- ordered, so as to minimize any conflict with the construction schedule. Sound materials shall be stored above ground under protective cover or indoors so as to provide proper protection.

**1.7 WARRANTY**

**A.** Provide 3-year warranty against defects in materials and workmanship, unless otherwise specified

**PART 2 PRODUCTS**

**2. 1 MANUFACTURERS**

**A.** Acceptable Manufacturer: UCS, Inc. 511 Hoffman Road, Lincolnton, NC 28092, phone 800-526-4856, fax 704-732-9559, web address: www.ucsspirit.com

**B.** Substitutions:Not Permitted

**2.2 Webbed Style Hammer Circle**

**A.** 725-2550 Circle fabricated with 2.5in x 3/8” Powder Coated Steel

 having the following attributes:

 A. Steel Cross Supports of 3/4” x 3/4” x 3/8” angle

**WORLD ATHLETICS CERTIFICATE:** E-99-0064

# **PART 3 EXECUTION**

**3.1 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**

**725-2565 Aluminum Discus Ring**

SECTION 11 68 33.43 Track and Field Equipment

PART 1 GENERAL

**1.1 WORK INCLUDED**

**A.** Provide all equipment and materials, and do all work necessary to furnish

 and install the athletic equipment, as indicated on the drawings and as

 specified herein. Athletic equipment shall include, but not be limited to:

 1. 725-2565 Aluminum Discus Ring

**1.2 RELATED WORK**

**A.** Examine contract documents for requirements that affect work of this

 section. Other specification sections that directly relate to the work of

 this section include, but are not limited to:

 1. Section 02200 – Earthwork; Excavation and Backfill and

 establishment of sub-grade elevations.

 2. Section 02511 – Asphalt, Concrete, and Pavement

 3. Section 02535 – Synthetic Track Surfacing

 4. Section 02542 – Synthetic Field Surfacing

 5. Section 03300 – Cast-in-Place Concrete

**1.3 REFERENCES**

**A.** Comply with applicable requirements of the following standards. Where

 these standards conflict with other specified requirements, the most

 restrictive requirements shall govern.

 1. World Athletics (Formerly IAAF) 2. National Collegiate Athletic Association (NCAA)

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

4. American Sports Builders Association (ASBA)

 5. Manufacturers Data and Recommended Installation

 Requirements

**1.4 SUBMITTALS**

**A.** Manufacturers Product Data

 1. Provide manufacturers product data prior to actual field

 installation work, for Architects or Owners representatives

 review.

**B.** Shop Drawings

 1. Provide drawings of the manufacturers recommended

 installation and foundation requirements prior to actual field

 installation work, for Architects or Owners representatives

 review.

**1.5 QUALITY ASSURANCE**

**A.** Manufacturers warranties shall pass to the Owner and certification made

 that the product materials meet all applicable grade trademarks or conform to industry standards and inspection requirements.

**B.** Single Source Responsibility: Provide equipment from single manufacturer

**C.** Manufacturer’s Qualifications: Minimum of 7 consecutive years experience manufacturing items similar to that specified.

**1.6 PRODUCT DELIVERY AND STORAGE**

**A.** Materials delivered to the site shall be examined for damage or defects in shipping. Any defects shall be noted and reported to the Owners representative. Replacements, if necessary, shall be immediately re- ordered, so as to minimize any conflict with the construction schedule. Sound materials shall be stored above ground under protective cover or indoors so as to provide proper protection.

**1.7 WARRANTY**

**A.** Provide 3-year warranty against defects in materials and workmanship, unless otherwise specified

**PART 2 PRODUCTS**

**2. 1 MANUFACTURERS**

**A.** Acceptable Manufacturer: UCS, Inc. 511 Hoffman Road, Lincolnton, NC 28092, phone 800-526-4856, fax 704-732-9559, web address: www.ucsspirit.com

**B.** Substitutions:Not Permitted

**2.2 Aluminum Discus Ring**

**A.** 725-2565 Aluminum Shot Put Ring fabricated with 2.0in x 2.0in x .25in Aluminum Angle, 98” in Diameter

# **PART 3 EXECUTION**

**3.1 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**

**725-2575 Aluminum Shot Put Ring**

SECTION 11 68 33.43 Track and Field Equipment

PART 1 GENERAL

**1.1 WORK INCLUDED**

**A.** Provide all equipment and materials, and do all work necessary to furnish

 and install the athletic equipment, as indicated on the drawings and as

 specified herein. Athletic equipment shall include, but not be limited to:

 1. 725-2575 Aluminum Shot Put Ring

**1.2 RELATED WORK**

**A.** Examine contract documents for requirements that affect work of this

 section. Other specification sections that directly relate to the work of

 this section include, but are not limited to:

 1. Section 02200 – Earthwork; Excavation and Backfill and

 establishment of sub-grade elevations.

 2. Section 02511 – Asphalt, Concrete, and Pavement

 3. Section 02535 – Synthetic Track Surfacing

 4. Section 02542 – Synthetic Field Surfacing

 5. Section 03300 – Cast-in-Place Concrete

**1.3 REFERENCES**

**A.** Comply with applicable requirements of the following standards. Where

 these standards conflict with other specified requirements, the most

 restrictive requirements shall govern.

 1. World Athletics (Formerly IAAF) 2. National Collegiate Athletic Association (NCAA)

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

4. American Sports Builders Association (ASBA)

 5. Manufacturers Data and Recommended Installation

 Requirements

**1.4 SUBMITTALS**

**A.** Manufacturers Product Data

 1. Provide manufacturers product data prior to actual field

 installation work, for Architects or Owners representatives

 review.

**B.** Shop Drawings

 1. Provide drawings of the manufacturers recommended

 installation and foundation requirements prior to actual field

 installation work, for Architects or Owners representatives

 review.

**1.5 QUALITY ASSURANCE**

**A.** Manufacturers warranties shall pass to the Owner and certification made

 that the product materials meet all applicable grade trademarks or conform to industry standards and inspection requirements.

**B.** Single Source Responsibility: Provide equipment from single manufacturer

**C.** Manufacturer’s Qualifications: Minimum of 7 consecutive years experience manufacturing items similar to that specified.

**1.6 PRODUCT DELIVERY AND STORAGE**

**A.** Materials delivered to the site shall be examined for damage or defects in shipping. Any defects shall be noted and reported to the Owners representative. Replacements, if necessary, shall be immediately re- ordered, so as to minimize any conflict with the construction schedule. Sound materials shall be stored above ground under protective cover or indoors so as to provide proper protection.

**1.7 WARRANTY**

**A.** Provide 3-year warranty against defects in materials and workmanship, unless otherwise specified

**PART 2 PRODUCTS**

**2. 1 MANUFACTURERS**

**A.** Acceptable Manufacturer: UCS, Inc. 511 Hoffman Road, Lincolnton, NC 28092, phone 800-526-4856, fax 704-732-9559, web address: www.ucsspirit.com

**B.** Substitutions:Not Permitted

**2.2 Aluminum Shot Put Ring**

**A.** 725-2575 Aluminum Shot Put Ring fabricated with 2.0in x 2.0in x .25in Aluminum Angle, 84” in Diameter

# **PART 3 EXECUTION**

**3. 1 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**

**725-2585 Aluminum Hammer Ring**

SECTION 11 68 33.43 Track and Field Equipment

PART 1 GENERAL

**1.1 WORK INCLUDED**

**A.** Provide all equipment and materials, and do all work necessary to furnish

 and install the athletic equipment, as indicated on the drawings and as

 specified herein. Athletic equipment shall include, but not be limited to:

 1. 725-2585 Aluminum Shot Put Ring

**1.2 RELATED WORK**

**A.** Examine contract documents for requirements that affect work of this

 section. Other specification sections that directly relate to the work of

 this section include, but are not limited to:

 1. Section 02200 – Earthwork; Excavation and Backfill and

 establishment of sub-grade elevations.

 2. Section 02511 – Asphalt, Concrete, and Pavement

 3. Section 02535 – Synthetic Track Surfacing

 4. Section 02542 – Synthetic Field Surfacing

 5. Section 03300 – Cast-in-Place Concrete

**1.3 REFERENCES**

**A.** Comply with applicable requirements of the following standards. Where

 these standards conflict with other specified requirements, the most

 restrictive requirements shall govern.

 1. World Athletics (Formerly IAAF)

 2. National Collegiate Athletic Association (NCAA)

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

4. American Sports Builders Association (ASBA)

 5. Manufacturers Data and Recommended Installation

 Requirements

**1.4 SUBMITTALS**

**A.** Manufacturers Product Data

 1. Provide manufacturers product data prior to actual field

 installation work, for Architects or Owners representatives

 review.

**B.** Shop Drawings

 1. Provide drawings of the manufacturers recommended

 installation and foundation requirements prior to actual field

 installation work, for Architects or Owners representatives

 review.

**1.5 QUALITY ASSURANCE**

**A.** Manufacturers warranties shall pass to the Owner and certification made

 that the product materials meet all applicable grade trademarks or conform to industry standards and inspection requirements.

**B.** Single Source Responsibility: Provide equipment from single manufacturer

**C.** Manufacturer’s Qualifications: Minimum of 7 consecutive years experience manufacturing items similar to that specified.

**1.6 PRODUCT DELIVERY AND STORAGE**

**A.** Materials delivered to the site shall be examined for damage or defects in shipping. Any defects shall be noted and reported to the Owners representative. Replacements, if necessary, shall be immediately re- ordered, so as to minimize any conflict with the construction schedule. Sound materials shall be stored above ground under protective cover or indoors so as to provide proper protection.

**1.7 WARRANTY**

**A.** Provide 3-year warranty against defects in materials and workmanship, unless otherwise specified

**PART 2 PRODUCTS**

**2. 1 MANUFACTURERS**

**A.** Acceptable Manufacturer: UCS, Inc. 511 Hoffman Road, Lincolnton, NC 28092, phone 800-526-4856, fax 704-732-9559, web address: www.ucsspirit.com

**B.** Substitutions:Not Permitted

**2.2 Aluminum Shot Put Ring**

**A**. 725-2585 Aluminum Shot Put Ring fabricated with 2.0in x 2.0in x .25in Aluminum Angle, 84” in Diameter

# **PART 3 EXECUTION**

**3.1 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**

**725-2591 Discus Ring Form**

SECTION 11 68 33.43 Track and Field Equipment

**PART 1 GENERAL**

**1.1 WORK INCLUDED**

**A.** Provide all equipment and materials, and do all work necessary to furnish

 and install the athletic equipment, as indicated on the drawings and as

 specified herein. Athletic equipment shall include, but not be limited to:

 1. 725-2591 Discus Ring Form

**1.2 RELATED WORK**

**A.** Examine contract documents for requirements that affect work of this

 section. Other specification sections that directly relate to the work of

 this section include, but are not limited to:

 1. Section 02200 – Earthwork; Excavation and Backfill and

 establishment of sub-grade elevations.

 2. Section 02511 – Asphalt, Concrete, and Pavement

 3. Section 02535 – Synthetic Grass & Turf

 4. Section 02542 – Synthetic Field Surfacing

 5. Section 03300 – Cast-in-Place Concrete

**1.3 REFERENCES**

**A.** Comply with applicable requirements of the following standards. Where

 these standards conflict with other specified requirements, the most

 restrictive requirements shall govern.

1. World Athletics (Formerly IAAF)

 2. National Collegiate Athletic Association (NCAA)

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

4. American Sports Builders Association (ASBA)

 5. Manufacturers Data and Recommended Installation

 Requirements

**1.4 SUBMITTALS**

**A.** Manufacturers Product Data

 1. Provide manufacturers product data prior to actual field

 installation work, for Architects or Owners representatives

 review.

**B.** Shop Drawings

 1. Provide drawings of the manufacturers recommended

 installation and foundation requirements prior to actual field

 installation work, for Architects or Owners representatives

 review.

**1.5 QUALITY ASSURANCE**

**A.** Manufacturers warranties shall pass to the Owner and certification made

that the product materials meet all applicable grade trademarks or conform to industry standards and inspection requirements.

**B.** Single Source Responsibility: Provide equipment from single manufacturer

**C.** Manufacturer’s Qualifications: Minimum of 7 consecutive years experience manufacturing items similar to that specified.

**1.6 PRODUCT DELIVERY AND STORAGE**

**A.** Materials delivered to the site shall be examined for damage or defects in shipping. Any defects shall be noted and reported to the Owners representative. Replacements, if necessary, shall be immediately re- ordered, so as to minimize any conflict with the construction schedule. Sound materials shall be stored above ground under protective cover or indoors so as to provide proper protection.

**1.7 WARRANTY**

**A.** Provide 3-year warranty against defects in materials and workmanship, unless otherwise specified

**PART 2 PRODUCTS**

**2. 1 MANUFACTURERS**

**A.** Acceptable Manufacturer: UCS, Inc. 511 Hoffman Road, Lincolnton, NC 28092, phone 800-526-4856, fax 704-732-9559, web address: www.ucsspirit.com

**B.** Substitutions:Not Permitted

**2.2 Discus Ring Form**

**A**. 725-2591 Discus Ring Form:

Aluminum Forming Assembly: 10ft x 10ft x 6in Bolt-Together Form,

Fabricated with .190in 5052 Aluminum Sheet

A. 725-2565 Discus Throw Ring Fabricated with ¼” X 4”

 Aluminum Rolled Flat Bar

 a. Welded to Forming Assembly

b. 0.75in recessed groove inlaid in throw ring to aid in concrete pour

B. Ten (10) 0.625in Diameter Drainage Tubes, Welded Flush with

 depressed Concrete Pad

C. 0.190in 5052 Aluminum Welded Cross Bracings and Staking

 Gussets

 D. Stainless Steel Assembly Hardware

# **PART 3 EXECUTION**

**3. 1 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**

**725-2592 Shot Put Ring Form**

SECTION 11 68 33.43 Track and Field Equipment

**PART 1 GENERAL**

**1.1 WORK INCLUDED**

**A.** Provide all equipment and materials, and do all work necessary to furnish

 and install the athletic equipment, as indicated on the drawings and as

 specified herein. Athletic equipment shall include, but not be limited to:

1. 725-2592- Shot Put Ring Form

**1.2 RELATED WORK**

**A.** Examine contract documents for requirements that affect work of this

 section. Other specification sections that directly relate to the work of

 this section include, but are not limited to:

 1. Section 02200 – Earthwork; Excavation and Backfill and

 establishment of sub-grade elevations.

 2. Section 02511 – Asphalt, Concrete, and Pavement

 3. Section 02535 – Synthetic Grass & Turf

 4. Section 02542 – Synthetic Field Surfacing

 5. Section 03300 – Cast-in-Place Concrete

**1.3 REFERENCES**

**A.** Comply with applicable requirements of the following standards. Where

 these standards conflict with other specified requirements, the most

 restrictive requirements shall govern.

 1. World Athletics ( Formerly IAAF) 2. National Collegiate Athletic Association (NCAA)

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

4. American Sports Builders Association (ASBA)

 5. Manufacturers Data and Recommended Installation

 Requirements

**1.4 SUBMITTALS**

**A.** Manufacturers Product Data

 1. Provide manufacturers product data prior to actual field

 installation work, for Architects or Owners representatives

 review.

**B.** Shop Drawings

 1. Provide drawings of the manufacturers recommended

 installation and foundation requirements prior to actual field

 installation work, for Architects or Owners representatives

 review.

**1.5 QUALITY ASSURANCE**

**A.** Manufacturers warranties shall pass to the Owner and certification made

 that the product materials meet all applicable grade trademarks or conform to industry standards and inspection requirements.

**B.** Single Source Responsibility: Provide equipment from single manufacturer

**C.** Manufacturer’s Qualifications: Minimum of 7 consecutive years experience manufacturing items similar to that specified.

**1.6 PRODUCT DELIVERY AND STORAGE**

**A.** Materials delivered to the site shall be examined for damage or defects in shipping. Any defects shall be noted and reported to the Owners representative. Replacements, if necessary, shall be immediately re- ordered, so as to minimize any conflict with the construction schedule. Sound materials shall be stored above ground under protective cover or indoors so as to provide proper protection.

**1.7 WARRANTY**

**A.** Provide 3-year warranty against defects in materials and workmanship, unless otherwise specified

**PART 2 PRODUCTS**

**2. 1 MANUFACTURERS**

**A.** Acceptable Manufacturer: UCS, Inc. 511 Hoffman Road, Lincolnton, NC 28092, phone 800-526-4856, fax 704-732-9559, web address: www.ucsspirit.com

**B.** Substitutions:Not Permitted

**2.2 Shot Put Ring Form**

**A.** 725-2592 Shot Put Ring Form:

 Aluminum Forming Assembly: 10ft x 10ft x 6in Form Fabricated with .190in 5052 Aluminum Sheet:

A. 725-2565 Shot Put Ring Fabricated with ¼” X 4” Aluminum

 Rolled Flat Bar

 a. Welded to Forming Assembly

 b. 0.75in recessed groove inlaid in throw ring to aid in concrete pour

 B. 519-1630 Shot Put Toe Board for Depressed Concrete Pad Installation

 a. Powder Coat: White

 b. 34.92° Black Sector Lines

C. Ten (10) 0.625in Diameter Drainage Tubes, Welded Flush

 with Depressed Concrete Pad

 D. 0.190in 5052 Aluminum Welded Cross Bracings and Staking Gussets

 F. Stainless Steel Assembly Hardware

# **PART 3 EXECUTION**

**3.11 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**

**725-2593 Hammer Ring Form**

SECTION 11 68 33.43 Track and Field Equipment

**PART 1 GENERAL**

**1.1 WORK INCLUDED**

**A.** Provide all equipment and materials, and do all work necessary to furnish

 and install the athletic equipment, as indicated on the drawings and as

 specified herein. Athletic equipment shall include, but not be limited to:

 1. 725-2593 Hammer Ring Form

**1.2 RELATED WORK**

**A.** Examine contract documents for requirements that affect work of this

 section. Other specification sections that directly relate to the work of

 this section include, but are not limited to:

 1. Section 02200 – Earthwork; Excavation and Backfill and

 establishment of sub-grade elevations.

 2. Section 02511 – Asphalt, Concrete, and Pavement

 3. Section 02535 – Synthetic Grass & Turf

 4. Section 02542 – Synthetic Field Surfacing

 5. Section 03300 – Cast-in-Place Concrete

**1.3 REFERENCES**

**A.** Comply with applicable requirements of the following standards. Where

 these standards conflict with other specified requirements, the most

 restrictive requirements shall govern.

1. World Athletics (Formerly IAAF)

 2. National Collegiate Athletic Association (NCAA)

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

4. American Sports Builders Association (ASBA)

 5. Manufacturers Data and Recommended Installation

 Requirements

**1.4 SUBMITTALS**

**A.** Manufacturers Product Data

 1. Provide manufacturers product data prior to actual field

 installation work, for Architects or Owners representatives

 review.

**B.** Shop Drawings

 1. Provide drawings of the manufacturers recommended

 installation and foundation requirements prior to actual field

 installation work, for Architects or Owners representatives

 review.

**1.5 QUALITY ASSURANCE**

**A.** Manufacturers warranties shall pass to the Owner and certification made

that the product materials meet all applicable grade trademarks or conform to industry standards and inspection requirements.

**B.** Single Source Responsibility: Provide equipment from single manufacturer

**C.** Manufacturer’s Qualifications: Minimum of 7 consecutive years experience manufacturing items similar to that specified.

**1.6 PRODUCT DELIVERY AND STORAGE**

**A.** Materials delivered to the site shall be examined for damage or defects in shipping. Any defects shall be noted and reported to the Owners representative. Replacements, if necessary, shall be immediately re- ordered, so as to minimize any conflict with the construction schedule. Sound materials shall be stored above ground under protective cover or indoors so as to provide proper protection.

**1.7 WARRANTY**

**A.** Provide 3-year warranty against defects in materials and workmanship, unless otherwise specified

**PART 2 PRODUCTS**

**2. 1 MANUFACTURERS**

**A.** Acceptable Manufacturer: UCS, Inc. 511 Hoffman Road, Lincolnton, NC 28092, phone 800-526-4856, fax 704-732-9559, web address: www.ucsspirit.com

**B.** Substitutions:Not Permitted

**2.2 Hammer Ring Form**

**A.** 725-2593 Hammer Ring Form:

 Aluminum Forming Assembly: 10ft x 10ft x 6in Bolt-Together Form

Fabricated with .190in 5052 Aluminum Sheet:

A. 725-2565 Discus Throw Ring Fabricated with ¼” X 4”

 Aluminum Rolled Flat Bar

 a. Welded to Forming Assembly

 b. 0.75in recessed groove inlaid in throw ring to aid

 concrete pour

B. Ten (10) 0.625in Diameter Drainage Tubes, Welded Flush with

 depressed Concrete Pad

C. 0.190in 5052 Aluminum Welded Cross Bracings and Staking

 Gussets

 D. Stainless Steel Assembly Hardware

# **PART 3 EXECUTION**

**3.1 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**