**590-3106 10’6” Ball Stopping System -Straight Posts**

SECTION 11 68 33 Athletic 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. 590-3106 10’6” Ball Stopping System- Straight Posts

**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 Collegiate Athletic Association (NCAA)

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

3. American Sports Builders Association (ASBA)

 4. 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. 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 Ball Stopping System**

**A. Net:** Heavy Duty 44mm Nylon Netting. Includes ropes and stainless-steel pulley system for raising and lowering. Clear Coated Cable runs along the top and bottom providing tension and reducing net sag

**Posts:** 2 7/8” diameter x 1/8” Thick aluminum posts 13’+ in overall length.

**Ground Sleeves:** 27 1/2” powder coated aluminum ground sleeves are finished with a 45-degree base

# **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**

**590-3210 21’ Ball Stopping System -Straight Posts**

SECTION 11 68 33 Athletic 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. 590-3210 21’ Ball Stopping System- Straight Posts

**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 Collegiate Athletic Association (NCAA)

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

3. American Sports Builders Association (ASBA)

 4. 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. 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 Ball Stopping System**

**A. Net:** Heavy Duty 44mm Nylon Netting. Includes ropes and stainless steel pulley system for raising and lowering. Clear Coated Cable runs along the top and bottom providing tension and reducing net sag

**Posts:** 4” diameter x ¼” Thick aluminum posts 24’+ in overall length.

**Ground Sleeves:** 36” powder coated aluminum ground sleeves are finished with a 45-degree base

# **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**

**590-3300 30’ Ball Stopping System -Curved Posts**

SECTION 11 68 33 Athletic 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. 590-3300 30’ Ball Stopping System- Straight Posts

**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 Collegiate Athletic Association (NCAA)

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

3. American Sports Builders Association (ASBA)

 4. 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. 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 Ball Stopping System**

**A. Net:** Heavy Duty 44mm Nylon Netting. Includes ropes and stainless steel pulley system for raising and lowering. Clear Coated Cable runs along the top and bottom providing tension and reducing net sag

**Posts:** 6” diameter schedule 40 aluminum posts 35’+ in overall length.

**Ground Sleeves:** 60” ground sleeves are finished with a 45-degree base

# **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**

**590-3350 35’ Ball Stopping System -Straight Posts**

SECTION 11 68 33 Athletic 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. 590-3350 35’ Ball Stopping System- Straight Posts

**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 Collegiate Athletic Association (NCAA)

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

3. American Sports Builders Association (ASBA)

 4. 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. 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 Ball Stopping System**

**A. Net:** Heavy Duty 44mm Nylon Netting. Includes ropes and stainless steel pulley system for raising and lowering. Clear Coated Cable runs along the top and bottom providing tension and reducing net sag

**Posts:** 6” diameter schedule 40 Thick aluminum posts 40’+ in overall length.

**Ground Sleeves:** 60” ground sleeves are finished with a 45-degree base

# **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**

**590-4210 21’ Ball Stopping System –Curved Posts**

SECTION 11 68 33 Athletic 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. 590-4210 21’ Ball Stopping System- Curved Posts

**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 Collegiate Athletic Association (NCAA)

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

3. American Sports Builders Association (ASBA)

 4. 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. 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 Ball Stopping System**

**A. Net:** Heavy Duty 44mm Nylon Netting. Includes ropes and stainless steel pulley system for raising and lowering. Clear Coated Cable runs along the top and bottom providing tension and reducing net sag

**Posts:** 4” diameter x ¼” Thick aluminum offset posts 24’+ in overall length.

**Ground Sleeves:** 36” aluminum ground sleeves are finished with a 45-degree base

# **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**

**590-4330 30’ Ball Stopping System -Curved Posts**

SECTION 11 68 33 Athletic 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. 590-4330 30’ Ball Stopping System- Curved Posts

**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 Collegiate Athletic Association (NCAA)

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

3. American Sports Builders Association (ASBA)

 4. 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. 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 Ball Stopping System**

**A. Net:** Heavy Duty 44mm Nylon Netting. Includes ropes and stainless steel pulley system for raising and lowering. Clear Coated Cable runs along the top and bottom providing tension and reducing net sag

**Posts:** 6” diameter schedule 40 Offset aluminum posts 35’+ in overall length.

**Ground Sleeves:** 60 ground sleeves are finished with a 45-degree base

# **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**

**590-4335 35’ Ball Stopping System -Curved Posts**

SECTION 11 68 33 Athletic 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. 590-4335 35’ Ball Stopping System- Curved Posts

**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 Collegiate Athletic Association (NCAA)

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

3. American Sports Builders Association (ASBA)

 4. 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. 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 Ball Stopping System**

**A. Net:** Heavy Duty 44mm Nylon Netting. Includes ropes and stainless steel pulley system for raising and lowering. Clear Coated Cable runs along the top and bottom providing tension and reducing net sag

**Posts:** 6” diameter schedule 40 Offset aluminum posts 40’+ in overall length.

**Ground Sleeves:** 60” ground sleeves are finished with a 45-degree base

# **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**