

SECTION 11 68 33
ATHLETIC FIELD EQUIPMENT

PART 1 - GENERAL

1.1 WORK INCLUDED

- A. Provide all equipment and materials. Do all work necessary to furnish and install the athletic equipment, as indicated on the drawings, and as specified herein.

1.2 RELATED WORK

- A. Examine Contract Documents for requirements that affect work of this section. Other specification sections that directly relate to work of this Section include, but are not limited to:

1. Division 3 – Concrete; Sections; Cast-in-Place Concrete
2. Division 31 – Earthwork; Sections: Excavation and Backfill and Establishment of Sub-Grade Elevations
3. Division 32 – Exterior Improvements; Sections: Athletic and Recreational Surfacing, Concrete and Asphalt

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. Manufacturers Data and Recommended Installation Requirements.

1.4 SUBMITTALS

- A. Shop Drawings & Regulatory Requirements

1. Provide drawings of manufacturers recommended installation and foundation requirements prior to actual field installation work for Architect or Owner's Representative review and approval.

1.5 QUALITY ASSURANCE

- A. The contractor shall only accept bids from those vendors or manufacturers that have been pre-approved or identified as approved equal.

1.6 DELIVERY, STORAGE AND HANDLING

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

PART 2 - PRODUCTS

2.1 BASIS OF DESIGN MANUFACTURERS

A. Manufacturers and product selections named are provided to establish the minimum standard.

1. Beacon Athletics (Attn: Bidding Dept – National Sales)
901 Deming Way, Ste 101
Madison, WI 53717
Phone: (800) 747-5985
Fax (608) 836-0724
Email: bids@beaconathletics.com
Website: www.beaconathletics.com

2.2 PRODUCTS

A. PREFABRICATED DUGOUTS

1. Basis of Design: Beacon Athletics Premium Team Dugout – Northern 10x20 (ST1020N)

1. Model: ST1020N
2. Item#: 120-875-865
3. Size: 8' H x 10' D x 20'L
4. Quantity:
5. Contact: Bids Department | bids@beaconathletics.com | 608-824-1573
6. Beacon Athletics LLC, 901 Deming Way, Ste 101, Madison, WI 53717

2. Design Criteria – Steel Dugout Frame

1. Support columns shall be fabricated of A500 square structural steel tubing with an electrically welded ½" thick A36 steel base plate.
2. Beams shall be fabricated of A500 square steel tubing
3. Steel frame members shall be blasted near white metal, cleaned with an 8-Stage pre-treatment system and zinc rich primer coated prior to the finished powder coat process.
 - a. Powder coat finish shall be TGIC electrostatically applied polyester powder
4. Roofing shall be pre-cut 26-gauge multi-Rib metal panels
5. Fasteners shall be 1" diameter grade 5 bolts with flat washers and locknuts. Bolts meet ASME B 18.2.1 with a minimum tensile strength of 120,000 psi. All fasteners shall be concealed inside the tubing.
6. Anchors shall be ½" diameter x 8 ½ "zinc plated concrete wedge anchors

3. Metal Roof Panel

1. Panel Profile: ¾" height rib 36" coverage width
2. Gauge: 26 gauge
3. Substrate: Grade 80 Galvanized steel sheet (G60), conforming to ASTM A446 for painted panels
4. Texture: Smooth
5. Finish: Ceram-A-Star 1050 high performance silicone-modified polyester
6. Color: TBD from manufacturers standard line

PART 3 - EXECUTION

3.1 INSPECTION

- A. Examine the areas and conditions where equipment and systems are to be installed and notify the contractor of conditions detrimental to the proper and timely installation and completion of the work.
- B. Do not proceed with the work until unsatisfactory conditions have been corrected by the contractor in a manner acceptable and to the satisfaction of the Architect/Engineer or Owner's Representative.

3.2 INSTALLATION

- A. All athletic equipment shall be installed as recommended by the manufacturer and as indicated on the drawings.

END OF SECTION