

SECTION 32 40 23

EXTERIOR RECREATION EQUIPMENT

PART 1 – GENERAL

1.01 SECTION INCLUDES

- A. Outdoor Athletic and Recreation Equipment. Includes, but is not limited to the following:
1. Basketball.
 - a) Poles.
 - b) Nets (chain nets are not allowed).
 - c) Backboards- fixed height only.
 2. Track and Field.
 - a) Pole vault pole box.
 - b) Discus and shot put toe boards).
 3. Football goal posts.
 4. Soccer, field hockey, and lacrosse.
 - a) Nets and goals (portable and anchorable).
 5. Tennis courts.
 - a) Nets.
 - b) Poles- sleeved and removable.
 - c) Center net tie down anchor.
 6. Softball and baseball.
 - a) Base & anchors.
 - b) Home plate.
 - c) Pitching rubber.
 - d) Portable fencing with permanent ground sleeves and protective caps installed at all locations.
 7. Protective padding mounted to equipment provided in this section (unless specifically listed to be without padding).
 8. Outdoor tetherball (padding not required).
 - a) Ball and cord.
 - b) Sleeved pole.
 9. Outdoor volleyball.
 - a) Nets.
 - b) Sleeved poles.

1.02 RELATED SECTIONS AND DOCUMENTS

- A. Section 32 31 13: Chain Link Fence.
- B. Section 03 30 00: Cast-in-place concrete.
- C. Drawings and general provisions of the Construction Contract, and Division-1 Specification sections apply to work of this section.

1.03 SUBMITTALS

- A. Product data: Submit manufacturer's technical data and installation instructions for each item of equipment required.
- B. Operations and Maintenance: Provide tools, touch-up paint, maintenance recommendations, recommendations for graffiti removal and spare parts including nuts and bolts.

PART 2 – PRODUCTS

2.01 CONCRETE

- A. Refer to sections 03 30 00 for concrete specifications which are applicable to concrete required in this section.

2.02 FABRICATION

A. Outdoor Equipment:

1. Basketball.
 - a) Outdoor rims shall be doubled.
 - b) Backboards shall be made of steel.
 - c) Backboard shall be offset by no more than 48”.
 - d) Nets shall be nylon.
 - e) Fixed height rims- not breakaway style.
 - f) Backboard finish to be white powdercoat with official orange perimeter and target marking.
2. Football.
 - a) Goals shall be sleeved and removable.
 - b) Goals shall be covered with protective pads.
 - c) Single support posts for uprights - no ‘H’ configuration.
3. Soccer, field hockey & lacrosse.
 - a) Provide manufacturers’ standard anchoring system (lacrosse goal is non-anchored).
 - b) Provide Kwik Goal; (Model #2B3806W for H.S., for M.S. use Kwik Goal 7x21 Fusion Goal w/ wheel kit, for E.S use Kwik Goal 4.5x9 Deluxe European Goal w/ wheel kit) and goals for soccer.
 - c) Provide full regulation size for H.S., M.S. and K-8.
 - d) Provide youth size at E.S.
4. Tennis Court Net System.
 - a) Poles shall be removable square tube and sleeved - powder coated.
 - b) Stainless steel hardware with removable crank and internal brass gears.
5. Softball & baseball.
 - a) Bases shall be “Hollywood Style”.
 - b) Pitching rubber shall be four sided.
 - c) A permanent home plate is preferred.
6. Volleyball.
 - a) Provide sleeve to a minimum imbedment depth of 18”.
 - b) Provide removable poles.
7. Tetherball
 - a) Provide sleeve to a minimum imbedment depth of 18”.

PART 3 – EXECUTION

3.01 INSPECTION

- A. Verify gradients and elevations of base. Verify compaction for all footings and subgrades. Beginning of installation means acceptance of existing conditions.

3.02 PREPARATION

- A. Excavate for footings for athletic structures, and concrete wall. Moisten base, compact to 90% of Standard Proctor Density.

3.03 FOOTINGS

- A. Pour footings to the dimensions indicated by the manufacturer using concrete specified under concrete paving. Set any sleeves required to pouring.
- B. All footings should be level and even with no bumps, dips, or adverse slopes to affect the placement of the site improvements.

3.04 INSTALLATION

- A. Install equipment per manufacturer's specifications.

3.05 FIELD QUALITY CONTROL

- A. All items must be protected from staining, cracking, chipping, vandalism, and other drainage during progress of the work and left in a first class condition upon completion.

END OF SECTION 32 40 23