

## **ARIZONA COURTLINES, INC. SPECIFICATIONS**

### **SP-\_\_\_\_ (ACI MODEL #) STRAIGHT POST OUTDOOR BACKSTOP**

#### **STRAIGHT POST:**

Straight Post shall be ( 3-1/2", 4-1/2", 5-9/16" ) diameter galvanized tubing and extend 13'-0" above playing surface. The top of the straight post shall be equipped with a steel cap to improve appearance and prevent water damage (rust).

#### **EXTENSIONS:**

Upper and diagonal extensions (backboard support) shall be constructed from 2" diameter galvanized tubing. Upper extensions shall form a "V" design, and position the backboard in the precise location. Lower extension (Goal to Mast) shall be constructed from 3-1/2" diameter galvanized tubing. The lower extension shall transfer goal loading directly to the straight post for maximum strength.

#### **BRACKETS:**

All brackets (brackets which support goal, backboard, and or extensions) shall be constructed from 1/4" thick steel. All "U" bracket to half clamp connections shall be welded. Brackets shall have a galvanized finish.

#### **NUTS AND BOLTS**

All bolts shall be a minimum 1/2" diameter. All 1/2" diameter bolts shall have a pull out strength of 17,000 lbs. and shall have a shearing strength of 12,100 lbs. All nuts and bolts shall be zinc plated.