

**Legend Impervia Basketball System**

1. **VERTICAL POLE** - Vertical pole shall be 6" square 3/16" wall steel tubing and allow for burying 48" in concrete. Pole shall have a welded watertight steel cap to seal out moisture.
2. **EXTENSION ARM** - Main 45 degree extension arm tube shall be 6" square 3/16" wall steel tubing and provide for a minimum of 66" extension from front of pole to face of backboard. Arm shall be designed to allow backboard to be mounted at four places top and bottom to eliminate rust streaks from forming on face of board. Structures designed to bolt through face of backboard are not considered equal.
3. **EXTENSION ARM FACEPLATE** - The backboard mounting plate on the pole shall be 1/4" thick and extend the full height of the backboard. A 4" square, 1/8" wall secondary arm tube shall further support the backboard mounting plate.
4. **MOUNTING** - Arm shall be attached to the pole by means of two 1/2" thick steel plates sandwiched around the 6" pole. One plate shall be welded to the arm, the other used as a crimp plate on the backside of the pole. Six 5/8" high strength bolts shall pass through the two plates and when tightened shall bolt the arm at the desired height. Rim height shall be adjustable from 6' to 10'.
5. **CONSTRUCTION** - All steel pole components shall be welded using maximum penetration, continuous weld, MIG procedure.
6. **FINISH** - Pole components shall have a polyester powder-coated black finish.
7. **BACKBOARD** - Backboard shall be 42"x 60" rectangular aluminum. Skin shall be 10 gauge aluminum with 1/4" thick vertical struts. Backboard shall have a white powdercoat finish, and have an official orange shooters square.
8. **RIM** - Standard rim shall be fabricated from 3/16" backplates and sideplates fully welded. Rim shall be double 5/8" diameter, high strength steel welded together at a minimum of six places. Nets shall be attached by means of a netlocking system that facilitates the use of either nylon or chain nets (nylon net included). The entire rim shall be powdercoated orange. Other rims including outdoor breakaway rims shall be available.
9. **DIRECT RIM MOUNT** - Rim and backboard shall be attached to the pole by passing four high strength steel bolts through the rim, backboard, and pole so that weight suspended from the rim is transferred directly to the pole structure. The backboard shall also be mounted to the pole at four places along the top and bottom, eliminating common rust streaks found on units where backboard is bolted through face.
10. **WARRANTY** - Pole, backboard, and standard rim shall carry a Lifetime Unconditional Warranty. Entire system weight shall be approximately 440#.