

**PROPOSED DESIGN AND CONSTRUCT ONE UNIT
VOLLEY BALL SAND COURT FOR MTBE
Gebeng Industrial Estate, Kuantan
Pahang**

Technical Data

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General Specification

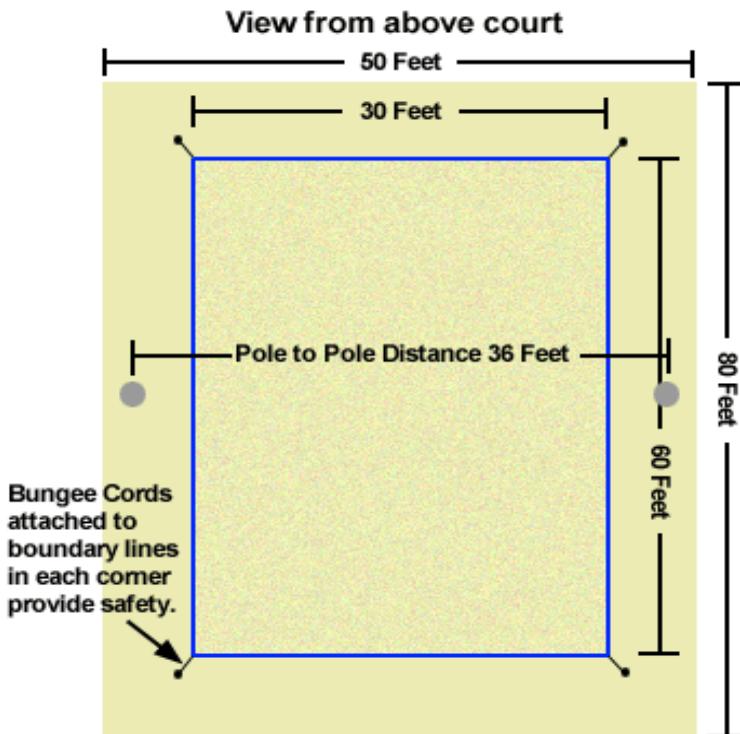
1. The Court

- a. The playing area consists of the court and a safety space around it measuring 10 feet in each direction (50' x 80') [Refer to Figure-1]. The space above the playing area will be free of obstructions. The playing area will be level and consist of good quality sand to a thickness which prevents players from contacting the underlying surface.

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FUGURE - 1

- b. Dimensions of the court are 60 feet by 30 feet and are measured from the outer edge of the boundary lines. The boundary lines should be made of brightly colored tape or rope having similar characteristics (Note: Ropes can sometimes leave burns if you contact them accidentally, thick nylon tape is what is recommended and what the professionals use). (For safety reasons we recommend removing the lines at night to protect people from tripping and injuring themselves).
- c. The plane of the net serves as an invisible center line of the court, dividing it into two halves.
- d. Poles supporting the volleyball net made of galvanized metal and to be padded by means of Sponge Bag to protect players using this court.
- e. Supports should be approximately 12-16 feet long and buried at least 3 feet deep, to be cemented in place and free of hazardous protrusions. Guy wires are made of bright colors and padded to prevent injury to players. All anchors for guy wires and boundary

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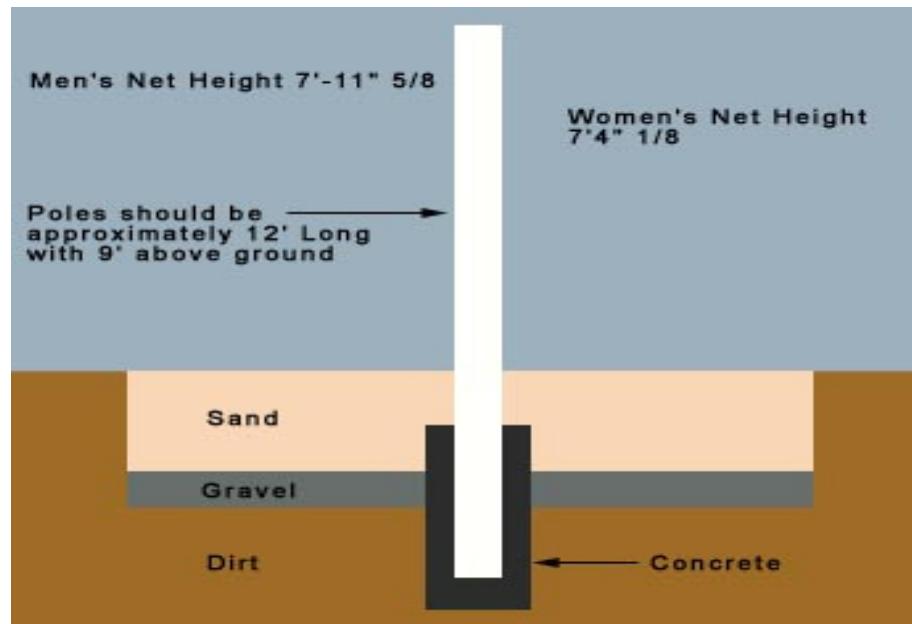
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lines will be buried at least 6-8 inches under the surface of the sand and free of sharp edges.



f. The court area is excavated to a three-foot depth with a drainage ditch leading away from the lowest point of the court. Perforated drainage pipe are laid across the court with one end capped and the other open to the drainage ditch. **Proper drainage is extremely important, or we could find our self playing in a giant mud puddle. (Even if the court is built above ground, sand will still retain water!)**

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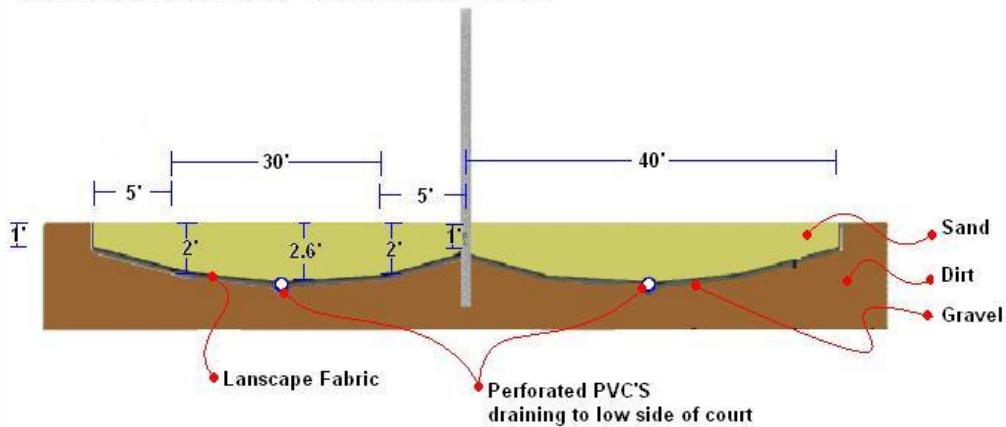
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LATERAL DRAINAGE CONFIGURATION



g. Depending on how well your soil drains overlay the court area with a one-foot thickness of smooth rounded gravel. Above the gravel place burlap or landscape fabric to prevent sand from washing through into the base gravel. Deposit one-to-two feet of beach sand or washed masonry sand over the area and rake level. The more washed the sand is the less dusty it will be. **(When testing sand for purchase wear shorts and test the sand in both dry and wet conditions by kneeling down onto it knees first, "no scrapes, no problem," scrapes, scrap it and keep shopping.)**

2. REF STAND

2 Piece antenna which ties onto net at top tape and bottom tape. Lower plastic slide sleeve allows attachment to both 36" and 1 Meter (39") nets.



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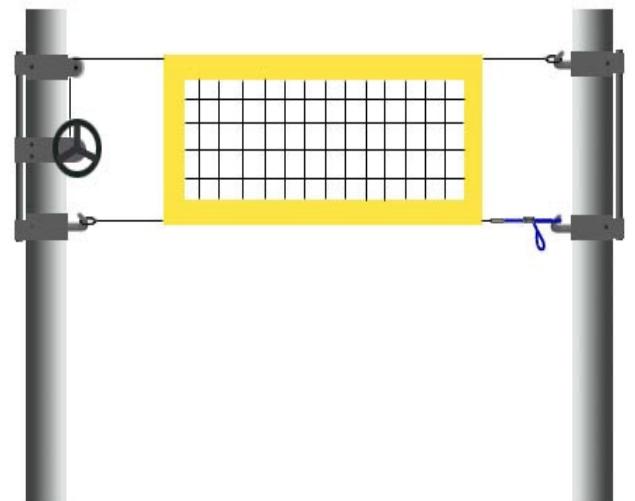
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3. Professional Outdoor Standards with Easy Adjust Hardware:

- a. Set includes all moveable heavy duty hardware, which can be adjusted with Allen key for any net height and other games; badminton, tennis.
 - i. Moveable high strength winch with non-spring loaded locking mechanism
 - ii. Moveable open ended eye hooks
 - iii. Moveable high strength pulley
 - iv. Single point adjustment, no ladder or chair needed
 - v. Stainless Steel set screws
 - vi. (Perfect for sand courts and prolonged outdoor use.)
 - vii. Two 3.5 inch O.D. by 12-foot long poles (longer poles available, call for pricing) schedule 40 galvanized steel posts.
 - viii. Top internal drive caps for poles.
 - ix. Sleeves available (call for pricing)
- b. Posts can be permanently placed in the ground or an optional ground sleeves will be installed for easy removal.



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4. Professional Pro Beach Power Net: (PICTURE-A)

- a. 32 foot x 39 inch
- b. #42 knotted nylon netting
- c. Steel cable top and bottom
- d. 1-1/8" inch treated wooden end dowels with x-brace tension ropes.
(not pictured)
- e. 22-oz. 4" vinyl tapes all sides.
- f. Available in Blue, Red, Yellow, Dark Green and White.



PICTURE - A



PICTURE - B

This is the same net used by professional beach volleyball association.

5. Professional Pro Beach Lines: (PICTURE – B)

- a. Heavy duty webbing court boundary system. All adjust to official court size with plastic adjustable buckles on each side; this allows you to fine tune the court dimensions.
- b. Heavy weight webbing with stitched steel corner rings, center court markings, two hand winders for storage.
- c. 4-five inch steel grass stakes with two foot of bungee cord.
- d. 4-plastic sand plates with 2 foot of bungee cord attached.
- e. Permanently attached bungee cords enable the boundary to form a perfect rectangle, and will stretch when tripped on, for safety.
- f. Available in Blue, Red, Yellow and Black.

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