

**LEGEND BASKETBALL TOWER**  
SCALE 1:20

**INSTALLATION INSTRUCTIONS:**

**STEP 1: CONCRETING THE MAIN POST**

- SELECT THE SITE FOR THE HOLE TO BE LOCATED. ENSURE THERE ARE NO OVERHEAD POWER CABLES, TREES, OR OBSTRUCTIONS.
- CHECK THE HOLE LOCATION FOR ANY SERVICES AND UNDERGROUND UTILITIES.
- DIG A HOLE 800MM DEEP AND 400MM IN DIAMETER. IF THE GROUND LEVEL AT THE HOLE POSITION IS LOWER THAN THE PLAYING SURFACE, THEN BOX UP AROUND THE HOLE SITE TO ACHIEVE THE CONCRETE DEPTH OF 800MM. (PLEASE BE MINDFUL ONLY 100MM OF BOX-UP IS ACCEPTABLE.)
- SEAL THE END OF THE MAIN POST TO PREVENT CONCRETE FROM ENTERING.
- INSERT THE MAIN POST INTO THE HOLE AND ENSURE IT IS CENTERED AND AT A CORRECT DISTANCE FROM THE BASKETBALL COURT.
- ENSURE THE POST IS SITTING 3240MM ABOVE THE GROUND RELATIVE TO THE PLAYING SURFACE
- FIX THE POST INTO THE POSITION SO THAT IT DOES NOT MOVE WHEN POURING THE CONCRETE.
- POUR N20 CONCRETE GRADE AND FILL UP THE HOLE WHILE ENSURING THE SLEEVE REMAINS UNMOVED AND VERTICAL.
- TROWEL THE CONCRETE SLOPING AWAY FROM THE POLE TO PREVENT WATER FROM POOLING AROUND THE POST BASE.
- WHILE THE CONCRETE MIX IS STILL FRESH, ENSURE THAT THE SLEEVE IS STILL LEVEL IN ALL DIRECTION AND AXES.
- LEAVE AT LEAST 4 DAYS FOR THE CONCRETE TO CURE.

**STEP 2:**

- ONCE THE CONCRETE IS SET, INSERT THE MAIN POST INTO THE GROUND SLEEVE.
- THEN, INSERT THE EXTENSION ARM ON TOP OF THE POST AS SHOWN.
- TIGHTEN THE EXTENSION ARM USING THE M16 X 40 MM GAL HEX BOLT TO STOP IT FROM MOVING.


**STEP 3:**

- ATTACH THE BACKBOARD TO THE EXTENSION ARM.
- HANG THE BACKBOARD FRAME VIA AN ANGLED BRACKET AT THE BACK END OF THE FRAME ON TOP OF THE BRACKET AT THE EXTENSION ARM.

**STEP 4:**

- ALIGN THE BOLT HOLES IN THE BACKBOARD AND THE ARM AND ATTACH THE BASKETBALL RING USING M10 X 90 MM GAL HEX BOLT, DOUBLE FLAT WASHER, SPRING WASHER AND NUT.
- INSERT THE BOLTS WITHOUT DAMAGING THE THREADS. RUN ALL THE NUTS UP THE BOLT SHAFT USING FINGER TIGHT TO CHECK FOR DAMAGED THREADS.
- FIX THE TOP BOLTS FIRST AND THEN THE BOTTOM ONES.

**ALL BOLTS SHOULD BE LUBRICATED USING PROPER LUBRICANT (LUBRICANT TYPE DISCRETION OF THE INSTALLER).**

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| TITLE:<br>LEGEND BASKETBALL TOWER<br>ASSEMBLY INSTRUCTIONS 1 OF 2   |                     |
| DRAWING NUMBER:<br>LEGEND   | DRAWN BY:<br>UMESH  |
| CHECKED BY:<br>-  | DATE:<br>02/05/2024 |
|    |                     |
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