

INTERESTING FACTS ABOUT THE GYM...

The challenge while designing the new Gym for Woodstock was:

- To see that the mammoth size of the structure should not stand out and dwarf the other buildings as part of the Woodstock campus buildings.
- To offer a wide range of sporting facilities, within the constraints of the *flat* space available on the hillside.
- To ensure the sports facilities are world class... while retaining the look and feel of the unique *Woodstock character*.

CONSTRUCTION

Over 250 tons of structural steel was used in the construction of the Gym. Many of the steel members were over 12 mtrs long weighing 150 kgs each. All of the steel was carried up by hand along a 3ft wide dirt path, from Tehri Road to the Gym.

All stone work seen in the Gym has been made using stones that were taken from the ground under the Gym itself.

The Gym structure has been designed to withstand earthquakes upto 6.5 on the Richter scale.

The need to create a larger footprint, to accommodate all the Gym's facilities, meant that the structure had to be of a unique 'counter balanced design' to allow for the cantilevered slabs to project over the south and west side of the mountain. To achieve this, there is more cubic volume of concrete hidden under the floor of the Gym than the entire structure that is visible within the Gym!

The total area of the Gym structure is 26,000 sq.ft. and was constructed within 12 months at a cost of just under US\$ 2 million.

A wireless smoke detection system automatically activates the smoke extraction fans which can be seen installed along the roof. These high speed fans remove 37,200 CFM of air/minute in case of smoke/fire.

Special acoustic and thermal insulation has been installed as a lining along the entire roof. The extensive use of stone and wood, are not only a design feature, but also serve the purpose to improve the acoustics in the Gym.

The entire Gym has wi-fi connectivity.

FACILITIES

The facilities in the Gym include:

- 1 full size regulation Basket Ball Court.
- 1 practice Basket Ball Court
- 1 Volley Ball Court
- 3 Badminton Courts
- 1 Squash Court
- Indoor Soccer
- 4 Table Tennis Tables
- 3 Climbing Walls
- Karate, Judo, Wrestling
- Fitness Gym with fully equipped for cardio, strength and functional sports training.
- Gymnastics/Play area for Elementary School
- 2 fully equipped classrooms with Smart Board technology
- 4 locker room and restroom facilities with 24 showers, 17 WCs, 16 hand wash sinks, 104 lockers.

The Squash court flooring has been made from specially treated imported maple wood from Canada.

The Gym can accommodate 650 people for viewing of games on the main show court, and upto 1,300 people for other functions/ceremonies such as graduation etc. The retractable bleachers were imported from Irwin, USA.

The specialized sports floorings in all areas of the Gym, have been imported from Mondo, Italy, who are a world leading vendor and meet with the FIBA/IHF guidelines.

The Fitness Gym has been designed and installed by Nautilus, USA, with their state-of-the-art fitness equipment technology.

The sound system for the Gym comprises of speakers from L-Acoustics, France, and has been designed for both sporting as well as other events.

The entire lighting system of the Gym has been designed and supplied by Philips, NV. The practice and main courts lighting are fitted with asymmetrical lighting fixtures, which better recreate the effect of natural lighting, which in turn allows for a much better 'depth perception' on the playing area, as compared to conventional ceiling mounted high bay lighting.

Uninterrupted power supply back-up has also been installed for the main show court, to ensure that in the case of (regular) power failures, the lights do not blink, until the generators takeover.