



Main competition arena



Equestrian Lawn at The Hong Kong Jockey Club headquarters, Happy Valley



2008 Olympic Equestrian Venue

The Hong Kong Jockey Club (HKJC) has invested over HK\$1.2 billion in building the venues for the 2008 Olympic and Paralympic Games equestrian events and supporting facilities. This will be the most advanced, all-embracing establishment in the history of the Olympics.

The 2008 Olympic and Paralympic Equestrian Events would be staged on three sites in Hong Kong. Apart from Hong Kong Sports Institute (HKSI), the existing Penfold Park and Hong Kong Golf Club (HKGC) are also converted to the event venues. Stables and training facilities are provided on the Penfold Park site whereas HKGC are converted for the Cross-country event.

The venues will be operational for one month during the main Olympic event, with the competition expected to last from between 10 to 14 days. 14 days after the Olympic Events, the Paralympic competition will be staged, which will last for a few days. The Paralympic Event is open to paid spectators estimated to be less than 10,000.

The aim of the project is to construct and operate a main arena with the capacity to





General training arenas



Main competition arena at Hong Kong Sports Institute





accommodate about 18,000 spectators and supporting back of house facilities for the Olympic Equestrian Events at HKSI.

Another aim is to provide sports facilities that will leave a lasting legacy for Hong Kong people to enjoy long after the Olympics are over. Penfold Park will be retained for community use after the two Games. It will be turned into an interactive equine park open to the public and as a tourist attraction. The upgraded facilities at Beas River, on the other hand, will provide a much better training environment for local equestrian athletes.

Venues and facilities

Construction includes the modification of the HKSI and Penfold Park to provide an Olympic complex, main competition arenas

Cooling stations equipped with fans





Training arena



Equine Clinic



Main stabling complex

and training arena which will accommodate the Dressage and Jumping events. The HKJC also provides facilities at the HKGC and the Beas River Country Club for the cross-country section of the Event competition.

At Sha Tin, recognised worldwide as a leading centre of equine sports, the venues have been built in less than two years, adopting the most innovative ideas and making optimum use of existing sports facilities.

The HKJC has constructed a 100 m x 80 m all-weather sand arena as main competition arena for Dressage and Jumping, with a spectator seating capacity of about 18,000. Apart from the main facilities, there are warm-up and training areas for the competitors. There are a total of 13 training arenas for Dressage and Jumping, namely 2 general training arenas, 5 Dressage training arenas, 4 Jumping/ Dressage training arenas, 1 Jumping arena and 1 indoor air-conditioned training arena. A temporary four-star championship Cross-Country course is located at HKGC and the adjacent Beas River Country Club at Sheung Shui.

An 800-metre Cross-Country training track and schooling area, and a 1,200-metre bridle track were constructed at Penfold Park. A turf gallop track was made available at Sha Tin.

To provide a more comfortable environment, the HKJC has provided an air-conditioned indoor training arena. This is the first-ever indoor Olympic equestrian training facility to be equipped with air

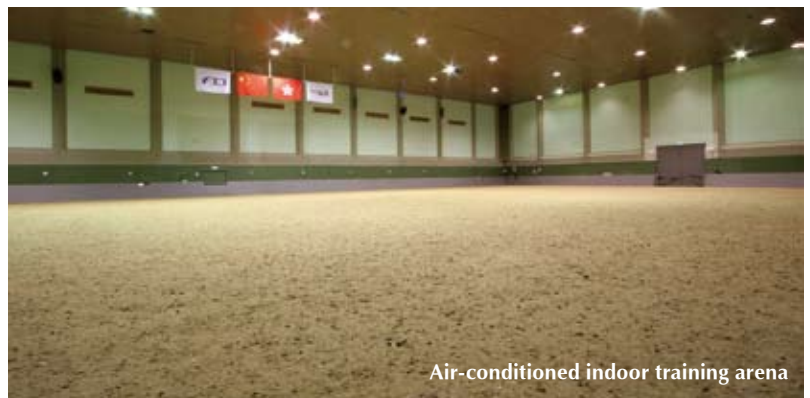
Examination room
in Equine Clinic



Olympic stables



Timbers manufactured from recycled bamboo are used in the horse stalls



Air-conditioned indoor training arena



The Flag Plaza at Sha Tin Racecourse

2008 Olympic Equestrian Venue – Sha Tin Racecourse





The 350-metre long Flag Boulevard at Sha Tin Racecourse



The cleverly designed triangular pillars of the Equine Avenue

The race track and Penfold Park





Sand training arena



Fences on the cross-country training track



Water jump on the cross-country training track



Layout plan of Cross Country Venue at Beas River Country Club

Olympic cross-country course



conditioning. Cooling stations have also been installed in all training and competition venues, to enable the horses to cool down quickly after vigorous activity.

The HKJC has also modified existing facilities at the HKSI to provide office and hospitality space for the Olympic family, event and venue management officials, VIPs, sponsors and the Federation Equestre Internationale (FEI).



Spectators out on the Olympic cross-country course

At Beas River, the venue was converted from Beas River Country Club and the adjacent HKGC. An approximately 5.7-km temporary Cross-Country track measuring 10 metres in width was constructed. The facilities also include a warm-up area, a cool down area and a stable block for 80 horses. The HKJC has invested around HK\$28 million in the cross-country footing at Beas River,

including refurbishing the jump zones with sand and planting a total 45,000 sq m of Bermuda grass on the Beas River competition course and warm-up areas. The entire planting project was finished by March 2008.

The main construction works commenced in August 2006. Pre-test event construction works was completed in July 2007. Post-test event formation works started in December 2007. The Post-test event overlay works started in early February 2008.

Olympic stable complex at Sha Tin

Horse welfare is a top priority, so the horses – and their grooms – have been provided with every possible amenity to ensure a spacious and comfortable living environment. Olympic stable complex includes four blocks of air-conditioned stables accommodating 200 Olympic horses, with separate reserve stables (also air-conditioned) for 25 horses. The larger than Olympic standard stalls measure in at 3.6 x 3.6 metres.





Sand training arena





Jumps in cross-country course



In keeping with the green theme of the Beijing 2008 Olympic Games, the stables were constructed from engineered wood made of sustainable bamboo and the rubber flooring was made from recycled tyres. In the process of building the new facilities, environmentally friendly materials have been used where feasible. For instance, rubber 'crumbs' have been recycled from old tyres for the internal equine walkways, and some cross-country jumps have been made from recycled telegraph poles.

The lighting and air-conditioning systems installed inside in the stabling complex offer energy savings of up to 30 per cent on conventional installations. The horse stalls themselves have been manufactured from recycled bamboo.

Inside the air-conditioned stables, the exceptionally high ceilings and special air vents on stall walls allow better ventilation,

and electric fans have also been installed to help circulate the air and create a gentle breeze effect. Louvre ceiling windows and windows on the stall wall can be opened to maintain good air circulation in the event of air-condition breakdown.

The HKJC's stable waste recycling project, under which all Olympic stable waste will be sent to a vermicomposting plant where millions of earthworms will transform the stable waste into environmentally friendly, organic fertiliser.

The security features in the stabling complex, including 24-hour CCTV cameras in every barn and special sensors on the main doors to add another layer of security to this restricted access zone.

To provide the most convenient and timely diagnostic and primary treatment services to the horses, a new Equine Clinic has been built adjacent to the stabling complex that

Olympic cross-country course



Stable construction works commenced in July 2006, and completed in May 2007.

project owner
Hong Kong Jockey Club

lead architect
Timothy Court & Co

architect
Ronald Lu & Partners (HK) Ltd

contractors
Pre-Test Event construction – China State Construction Engineering (Hong Kong) Ltd
Post-Test Event formation works – Paul Y Engineering
Post-Test Event overlay works – GL Events Hong Kong Ltd

landscape architect
ACLA Ltd

engineer
Ove Arup & Partners Hong Kong Ltd

quantity surveyor
Levett & Bailey Quantity Surveyors Ltd

contains two examination rooms, a dedicated dispensary, 10 observation stables and the latest diagnostic equipment has also been provided.

Other facilities in the stable to ensure horse welfare include large stall and broad walkways for the horses, rolling box in Olympic equestrian stables, and flexible equine shower with easily adjustable temperature controls. No sharp edges can be found in the stables to minimize the possibility of accidents. The HKJC has also set up facilities to help the horsemen taking care of horses, such as automatic drinker in each stall, rotating feed bowl for easy and safe feeding, and two ice-making machines in each stable block.



Jumping fence for cross-country event

FAST FACTS

venue locations	Core venue - 25 Yuen Wo Road, Sha Tin, New Territories Cross-country venue - Beas River Country Club, Sheung Shui, New Territories HKGC, Lot No.1, Fan Kam Road, New Territories
area of key locations	total area - Approx 650,000 sq m (Approx 160.6 acres) Sha Tin Racecourse and the adjacent HKSI – Approx 278,000 sq m Beas River Country Club and the adjacent HKGC – Approx 372,000 sq m
total area of Olympic stables complex and Equine Clinic	Approx 16,500 sq m
total number of stalls	224
size of each stall	3.6 x 3.6 m (larger than Olympic standard)
height of the stable complex	6.5 m (highest point)
key venues and facilities of Sha Tin Racecourse and adjacent HKSI	Main arena, warm-up arena, sand training arena, grass training arena, air-conditioned indoor training arena, main stabling complex, Equine Clinic, Cafe (for team personnel), cross-country training track, bridle track, sand training arenas, turf gallop track, sand training arenas, stables for reserve horses
key venues and facilities of Beas River Country Club and the adjacent HKGC	Cross-country course, warm-up arenas, horse rest area, holding stables
venues construction period	commencement date – August 2006 completion date (Pre-Test Event construction) - July 2007 commencement date (Post-test event formation works) - December 2007 commencement date (Post-test event overlay works) - February 2008 completion date (Core venue) – May 2008
stable construction	commencement date - July 2006 completion date - May 2007
investment costs	Over HK\$1.2 billion

With Compliments to Hong Kong Jockey Club



保華建業集團有限公司

Paul Y. Engineering Group Limited