

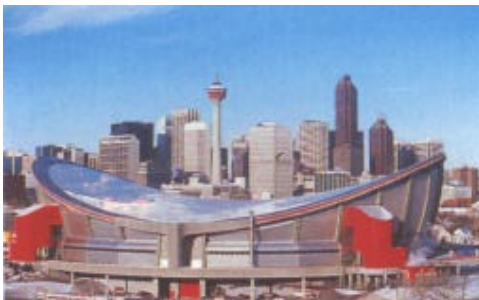


VENUES TO MATCH THE EVENTS

Any description of the sites and venues which will be used for the XVth Olympic Winter Games must start with the McMahon Stadium, as it is here, on the University of Calgary's campus, that the opening and closing ceremonies will take place. Built originally in 1960, this stadium has recently been extended and refurbished ; the artificial turf has been replaced and a new sound system installed. Thanks to the extra seating which has been added, 50,000 spectators will be able to watch the ceremonies ; this \$15.8 million expansion has been financed jointly by the Province of Alberta and OCO'88. The McMahon Stadium will also be the centre for volunteer activities ; a hall and dining area are provided for this purpose.



The second splendid venue, the Olympic Saddledome which with its saddle-shaped roof reflects Calgary's "western" spirit, has become one of the symbols of the city. A multi-use facility with seating for 17,000 spectators, situated in the Stampede Park, opposite the Main Press Centre and a few minutes' walk from the International Broadcast Centre, the Saddledome will be the venue for figure skating and ice-hockey. This over-lapping three-tier construction is the biggest of its kind in the world, and features a suspended re-inforced concrete roof supported by cables — a reverse hyperbolic paraboloidal design covering 1.2 hectares. The spectacular design of the roof allows a clear view from every seat, and no seat is further than 61 metres from the centre of the ice-giving an intimate feel to the pillar-free seating bowl. Acoustic panels and the shape of the roof allow both high and low-frequency sounds to reach right to the extremities of the building, which is situated at an altitude of 1,050 metres above sea-level. The first 14 rows of seats retract, leaving 3,716 sq. metres of clear floor space. The surface area of the ice rink is greater than the National Hockey League (NHL) regulation size to conform with Olympic and international standards. A four-colour 8.5 X 5.3 m suspended scoreboard relays information and graphics. Like any modern sports complex, the Saddledome includes training and medical facilities. There are stands selling food and drink on every floor, and the Saddle Room restaurant offers an excellent view of the city. In addition, there is a gathering place for up to 300 sports



lovers. With easy access from the LRT station, the Saddledome has excellent access for the disabled. Completed in 1983, it is the home of the *Calgary Flames*, the NHL ice-hockey team. Funding for the construction of this \$97.3 million facility was provided by the Province of Alberta, the city of Calgary, the Government of Canada and OCO'88.

Adjacent to the Saddledome, is the Stampede Corral which will be used as a second hockey venue for the qualifying rounds and figure skating competitions. Built in 1959, the Corral has a 6,445 seat capacity.



ANOTHER SITE, ANOTHER RECORD

The fully-enclosed 400-metre Olympic Oval located on the University of Calgary's campus is also the first of its kind. It is a spectacular venue which will house the speed skating competitions during the Olympic Games. The Oval covers an area of 26,000 sq. metres, or roughly the length of two football fields, and stands approximately 20 metres above the ground. The roof is constructed of clear spanned intersecting concrete arches bridged with steel web joists to support the roof panels. There are screens to deflect the natural light which the large windows allow in. The track is ringed by three levels : the upper concourse primarily devoted to spectators, the entry level to public and administrative functions and the lower level to lockers and changing

XVth Olympic Winter Games — Installations



CANADA OLYMPIC PARK

Fifteen minutes drive away from the centre of the Olympic city along the Trans-Canada Highway, is the Canada Olympic Park. It is here that the ski jumping, Nordic combined, bobsleigh and luge events and also some demonstration events such as freestyle skiing (aerials and ballet) and disabled Alpine skiing will be held. The Park is also the site of an Olympic Training Centre and the Olympic Hall of Fame.

rooms. After the Games, the Oval, which is connected to the University Physical Education Building, will primarily be used for the development and training of promising athletes, but it will also be open for use by the university community and the general public. During the winter, priority will be given to speed skating, cross-country skiing, biathlon and figure skating competitions, and in the summer it will be a field house for a range of activities including archery, badminton, track and field and volleyball. The \$38.9 million Oval was funded by the Government of Canada, and the University of Calgary was responsible for planning, design, development and construction.

The University of Calgary, which has since its inception encouraged all kinds of sporting activities, already possessed an ice rink, and this was expanded to international ice surface size. With a seating capacity of 1750, it is currently the official practice home of Canada's national hockey team. During the Games, it will be the venue for the figure skating compulsory programmes and the demonstration event to short track speed skating. This centre was renamed in honour of Father David Bauer, coach of Canada's first national hockey team for the 1964 Winter Games in Innsbruck.

During the season, the Park attracts an average of 2,300 skiers daily. The elevation at the top of the hill is 1,250 metres above sea level and the base area elevation is 1,130 metres. The installation of several chair-lifts has allowed a considerable increase in the capacity of the ski area. The 70- and 90-metre ski jumps have already become familiar landmarks on Calgary's skyline, and the 90-metre jump is the highest structure in Calgary. Its observation level and restaurant offer a spectacular view of the surrounding area. The 90-metre jump has a lift which provides participants with rapid access to the inruns or take-off platforms. It is located west of the 70-metre jump and the training jumps are located to the east. Take-off points are approximately five metres above ground level for the 90-metre jump and at ground level for the 70-metre jump. The two jumps share a common run-out area and their profiles conform to International Skiing Federation (FIS) standards and specifications. Officials will be able to watch the competitions from the same two-tiered judges' tower located west of the two jumps. The bowl area surrounding the out-run will have standing capacity for 35,000 spectators in the viewing area, and for another 15,000 around the rim of the bowl. The jumps will be used for training all-year-round; in summer the 50- and 70-metre jumps will be covered with a slippery plastic surface.

Canada's first bobsleigh and luge track — one of the few combined tracks in the world —



contains more than 100 kilometres of refrigeration pipe which allow the track to remain usable in temperatures as high as 20° Celsius. The track's unique "tuning fork" design allows for individual start positions for bobsleigh and luge events, and there is a common finish area for both sports. The bob/luge track is considered by athletes to be among the finest in the world. Canada Olympic Park was constructed by the Government of Canada at a cost of \$60 million.

NAKISKA AT MOUNT ALLAN

The ski resort of Nakiska, on the slopes of Mt. Allan in Kananaskis Country, 50 minutes west of the Olympic city, will be the site of the Alpine skiing events. The 103 hectare site includes thirty ski runs, a training run and forty kilometres of cross-country trails. The skiing area is approximately 16% novice, 70% intermediate and 14% expert. The vertical rise of the men's downhill run is 854 metres. Elevation at the top of the run is 2,391 m and at the bottom 1,520m. Three

Skiers and spectators can take advantage of food-service and lounge areas provided by the day-use facilities at Nakiska along with a ski school, ski repair shop, retail shop and a day care centre.



chair-lifts provide a capacity of 5,580 skiers an hour and state-of-the-art snowmaking equipment covers 75% of the trails on the mountain. The area was opened to the public for the 1986-7 season.

XVth Olympic Winter Games — Installations

CANMORE NORDIC CENTRE

It is here, 55 minutes west of Calgary that the cross-country skiing, Nordic combined and biathlon events will take place during the Games, and an exhibition of blind cross-country skiing will also be held. Constructed by the Province of Alberta at a cost of \$15.4, the Canmore Nordic Centre includes 56 kilometres of competition training and recreational trails with links to the resort of Banff. The elevation of the trails ranges from 1,350 to 1,550 metres. There is also a 32 target biathlon shooting range.

The Nordic Centre has two separate stadium areas for biathlon and cross-country skiing competitions. The day lodge offers welcoming areas for relaxation, including a cafeteria, lockers, first-aid and timing rooms, an announcers' room and two multi-purpose classrooms. The biathlon building contains announcer booths, hand and electronic timing rooms and a jury room. Athletes and officials will use the rooms provided, for ski waxing, equipment storage, team meetings and competition preparation. After the Games, the facilities will be open to the general public while continuing to be used for training by high-performance athletes.



VILLAGES

Most of the Olympic athletes are housed on the University of Calgary's campus. Two thousand athletes and officials, competitors in the alpine skiing, bobsleigh, luge, ski jumping, nordic combined, skating and hockey are accommodated in student residences and other apartment complexes which also provide other amenities such as shops, leisure facilities and equipment storage. At Canmore, a second village consisting of temporary trailer units will house approximately 600 athletes and officials close to the Nordic Centre. Entry to both villages, open 24 hours a day from 31st January to 2nd March, is through controlled access points where accreditations are checked. Transportation is available to all athletes and officials, and interview rooms are provided for members of the media.

The 5,000 media representatives will be accommodated at various locations in Calgary. Around half of them will be housed in the Lin-





coln Park area in south west Calgary, while another housing complex in the Patterson Heights area of north west Calgary will provide around 1,100 beds. A shuttle bus service will transport media members to the Main Press Centre and International Broadcast Centre in Stampede Park. From there regular transportation, will be provided to the various event locations.

MEDAL PRESENTATIONS

The Olympic Plaza, right in the heart of Calgary, opposite the City Hall and the headquarters of OCO'88, will be the site of medal presentations throughout the Games. Every evening the official presentation of medals to the day's winners will take place in a ceremony specially adapted for televised transmissions. Great care has been taken regarding decor, which includes a fountain surrounded by arcades, highlighted by a laser light display. Personalised bricks have been sold to people wanting to contribute towards the preparation of the Games, and these bricks, complete with the buyer's name inscribed on them, have been set in concrete. The site also includes an open-air ice rink where sporting and cultural events will be held, and once the Games are over, the Plaza will be no doubt be greatly appreciated by Calgarians and visitors alike.



The Ski-Jumps.

The luge and bobsleigh courses.

The Athletes Village in Canmore.

Mount Allan.

The entry to the Canmore Olympic Centre.

Downhill Skiing, Nakiska.