

For rental information contact:

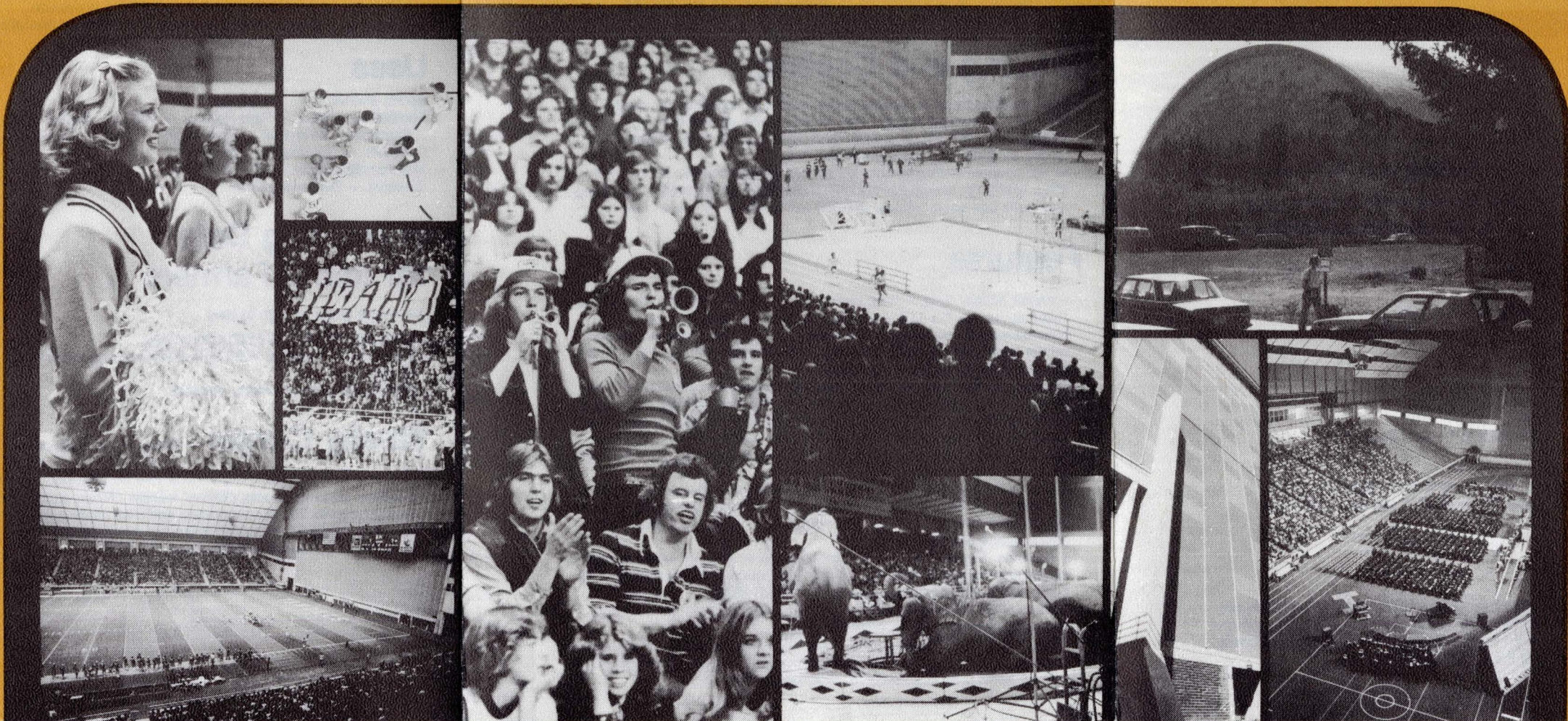
Manager, Kibbie-ASUI Activities Center
University of Idaho
Moscow, Idaho 83843
(208) 885-7928




**University
of Idaho**
Moscow, Idaho



**KIBBIE /ASUI
ACTIVITIES CENTER**



General Information

Construction — Three phases completed to date

- Phase I — Grandstand, Press Box and grass infield, completed in 1971.
- Phase II — Installation of Tartan Football Turf and roll-up mechanism, completed in 1972.
- Phase III — The roof, end walls, Tartan playing surface, and equipment, completed in 1975.
- Phase IV — (next phase) Varsity Center on east end.

Dimensions

- Building is 410' x 498'
- Roof arches clear span 400'
- Floor to ceiling is 150' (equivalent to 14-story building).
- Roof covers 4.45 acres.
- Floor area covers 93,550 square feet.
- Seating: 17,651 permanent seats. Basketball will seat approximately 8,000 with portable bleachers. For expansion see sixth item under "Features."

Finances

- Total cost \$8,316,000 financed largely through student fees and by private contributions. William H. Kibbie, a Salt Lake City businessman for whom the building was named, made the largest contribution of \$300,000. Donors are listed at the east end of the south concourse.

Acoustics

- End walls absorb sound in the seven-foot cavity behind the wood slats. The exterior wall of the cavity is lined with sound-absorbing insulation.
- Each ceiling panel is 12' x 12' x 1" made of acoustical tile. There are 798 of the "clouds" hung from the ceiling to trap the sound behind them.

Sound System

- Building has 14 amplifiers of 200 watts each for a total of 2,800 watts.
- The 10 speakers are time delayed for maximum efficiency.
- Power to the floor represents 600 amps producing 74,000 watts of power for visiting sound systems.

Lighting

- A total of 186 metal halide 1000-watt floodlights are available for floor illumination.
- Lights are adjusted to accommodate basketball or football as needed.
- An additional 26 incandescent 1500-watt floodlights are directed toward the seating area as needed.

Heating and Cooling

- The gas-fired boiler is located in the southeast corner of the building. The air is circulated through coils by huge fans up and out ducts in the ceiling. The steel grates at floor level cover the return air chamber where air is drawn back through the coils.
- In hot weather vents (louvers) above the concourses can be opened to allow fresh air in, and 20 powerful 8-foot diameter fans located in the ceiling end walls can each exhaust 445,000 cubic feet of air per minute.

Features

- Football, soccer, field hockey: can be played on Tartan rug which can be rolled up on the 7' x 196' steel drum at the west end of the arena.
- Nine basketball, eight tennis, eleven volleyball, and sixteen badminton courts are printed on the all-purpose Tartan flooring. Holes, poles, and nets are available for all these activities.
- Basketball has a smooth Tartan basketball surface in the middle south sideline, and 15 portable bleacher sections 16 rows high are available to surround the court on three sides, providing approximately 2,200 seats.
- Track is a 300-meter Tartan track (the very best available). Also floor sections can be removed uncovering 2 sand pits for long and triple jump and 2 pole vault boxes.
- Curtains 20' high and 196' long can be lowered from the ceiling to divide the floor into three sections for classes and court play. The net on the west end is 80' x 196' and can be used for football, soccer, baseball, track (discus), and golf practices.
- Expansion: The walls below the steel trusses in the end walls are non-supporting and can be removed to add 2,500 seats to each end zone. This could increase the seating capacity to almost 23,000.
- Access: Two roll-up doors 12' x 16' are at floor level on the east end, providing easy access for vehicles.
- Press Box: First floor writing area; second floor has private booths for radio, announcer, etc., and third floor is the photo deck. Two private boxes, each with 86 seats, are located on the first floor.

Award for Roof

This building was named by the American Society of Civil Engineers in national competition as the **Outstanding Structural Engineering Achievement of 1976**. Previous winners have been the St. Lawrence Seaway, the ICBM program, the St. Louis Gateway arch, the John F. Kennedy Airport, and the World Trade Center. The roof was a remarkable engineering achievement and speaks well for all those involved.

The award was given for the erection of the roof in 24 working days. The 32 roof arches (lifted in half sections 12' x 8' x 240' and weighing 45,000 lbs.) were preassembled on the ground. Over 1,000,000 board feet of lumber is in the roof.

Safety

- A fully-equipped first aid room is available on each concourse.
- Fourteen fire hose stations are located throughout the building, and fire sprinkler systems exist in each end wall and above the press box.
- Emergency lighting system (battery powered) will automatically light the stairs and concourses for emergency exit.
- 128 lightning rods cover the roof for lightning protection.
- A fire alarm system with 22 locations is in constant operation.

Uses

Sports events
Football — Soccer — Field Hockey — Tennis — Golf Practice — Baseball Practice — Volleyball — Badminton — Track — Basketball
Concerts — Circuses — Meetings
Merchandise Shows — Conventions
Displays — Demonstrations

Interesting Data for Idaho Farmers

- The Dome is big enough to hold
- 2,700,000 bales or 112,500 tons of hay;
 - 14,500,000 bushels or 462 Union Pacific box cars (a train 4.4 miles long) of wheat;
 - 58,000,000 pecks of Idaho potatoes.

Varsity Center — Proposed for east end

- This approximately \$2½ million structure will provide locker rooms, showers, dressing rooms, players' lounge, offices, weight room, sauna, storage, connection of concourses, end zone seating, ticket office, central entrance, lounge overlooking arena for meetings and social gatherings, elevator, and drop-off parking area.