



 THE
CITY
OF CALGARY
PARKS/RECREATION



1981 Annual Report



Message from the Director

1981 saw Parks/Recreation capital development in the City of Calgary proceeding at an unprecedented pace for both Calgary and almost any other major centre in North America. This pace not only applies to municipal facilities but those which are owned and operated by community organizations, an area in which Calgary has excelled. Some of the highlights of 1981 were:

Leisure Centres:

- Village Square
 - 75% complete
 - scheduled completion August 1982
- Palliser
 - 20% complete
 - scheduled completion February 1983

Major Complexes:

- Lindsay Park Aquatic/Athletic Centre (an Alberta 75th Anniversary project initiated by Minor Sports Calgary)
 - pool 10% complete
 - scheduled completion May 1983
 - athletic building design/master plan completed and approved by Council in May 1981

Pools:

- Shouldice
 - outdoor pool converted to indoor
 - re-opened May 1981
- Riley Park Wading Pool
 - redesigned and renovated
 - re-opened July 1981

Arenas:

- George Blundun (Optimist Twin)
 - opened February 1981
- Jimmie Condon (Rose Kohn twin)
 - opened September 1981

Golf Courses:

- McCall Lake
 - new eighteen-hole course with Par 3 nine-hole layout
 - opened September 1981

Athletic Facilities:

- Shouldice Athletic Services Building
 - design won Canadian Architect Institute's Award for Excellence
 - 35% complete
 - scheduled completion March 1982
- Glenmore Canoe and Rowing Club facility
 - construction underway
 - scheduled completion summer 1982

Fitness Facilities:

- Thornhill Health & Fitness Centre
 - complementary facility to arena and pool
 - opened December 1981

Pathways:

- 6.5 kilometers of new trails constructed
- Bow River footbridge (Carburn Park)
 - design completed
 - scheduled completion October 1982

Planetarium:

- "To Century's End" Show
 - a unique show produced entirely by Planetarium Staff

Heritage Park:

- Adoption of expansion Master Plan and principles of new operating agreement

Zoo:

- Construction completed during 1981
 - temporary primate facility
 - Eagle aviary-North American Exhibits
 - landscaping, roadways - North American Exhibits

Fort Calgary:

- Council approval given for Fort Calgary Preservation Society to assume phased operation responsibility.

Major Cultural/Recreation Grants:

- Province changed formula to permit the release of entire ten-year grant program funds based on maximum population during that period, resulting in the generation of \$17 million in funding, two-thirds of which was put into community projects and one-third into municipal developments.

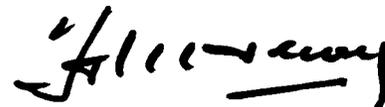
Major Cultural/Recreation Projects:

- Acadia Recreation Complex
 - opened November 1981
- East Calgary Twin Arenas
 - opened October 1981

Canadian Parks and Recreation Association Annual Conference:

- hosted by Calgary, August 9-13, 1981

Perhaps the most significant milestone in 1981 and in the last decade of development of Parks/Recreation in the City of Calgary is the adoption of the **Policy & Systems Plan**. In terms of comprehensiveness, future orientation and public involvement, this document has set Calgary apart in a leadership position with respect to mapping out its future destiny.



Fred McHenry
Director

The 1981 Parks/Recreation Board

Chairman *Darryl Barber*
Vice-Chairman *Alderman Jim Bell*
Public School Board Representative *Ann Blough*
Catholic School Board Representative *Joe Prendergast*
Aldermanic Representative *Alderman Bob McCombie*
Members-at-large *Jurgen Bohnsack*
Joyce Bellows
Steve Shaw
Art Szabo
Ed Marshall

Issues, policies and activities dealt with by the Board in 1981 included the following:

- 1. Grant allocations**
 - Provincial (Major Cultural/Recreation, Project Co-operation and Operational Program Assistance)
 - City (Operating and Capital)
- 2. Review and revision of old policies**
 - Parks/Recreation Rental and Admission Fees
 - Boardsailing policy
 - Appeal procedures for Major Cultural/Recreation applications
 - Heritage Park Expansion
- 3. Establishment of new policies**
 - Parks/Recreation Policy and Systems Plan
 - Lindsay Park Master Plan
 - Carburn Park Master Plan
- 4. Naming of facilities**
 - Thomas L. Brook Athletic Park
 - McCall Lake Golf Course
- 5. Attendance at conferences and seminars**
 - Energize '81 - 2 representatives
 - Canadian Parks and Recreation Association Conference - 6 representatives

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Introduction



Role of the Parks/Recreation Department

Traditionally, the Parks/Recreation Department has been charged with the responsibility of providing leisure services, recreational facilities, programs and open spaces for the citizens of Calgary. However, over the past few years the City of Calgary has undergone many changes, the least of which is its tremendous population growth.

Some other major factors affecting Parks/Recreation are:

- 1) changing recreational needs and preferences of Calgarians
- 2) an identified willingness of Calgarians to volunteer
- 3) a desire and willingness for people to take control of their leisure
- 4) possible difficulties in expanding levels of service because prosperity is not assured.

In this regard, the Department is placing greater emphasis on the role of community development as a strategy or process used in the development of leisure services. More specifically, the Department is shifting its emphasis from providing leisure services towards facilitating or encouraging other groups and individuals to provide leisure opportunities to meet their own needs and interests. The following goals and objectives reflect this change and represent principles that will guide the direction of the Parks/Recreation Department.

Goals:

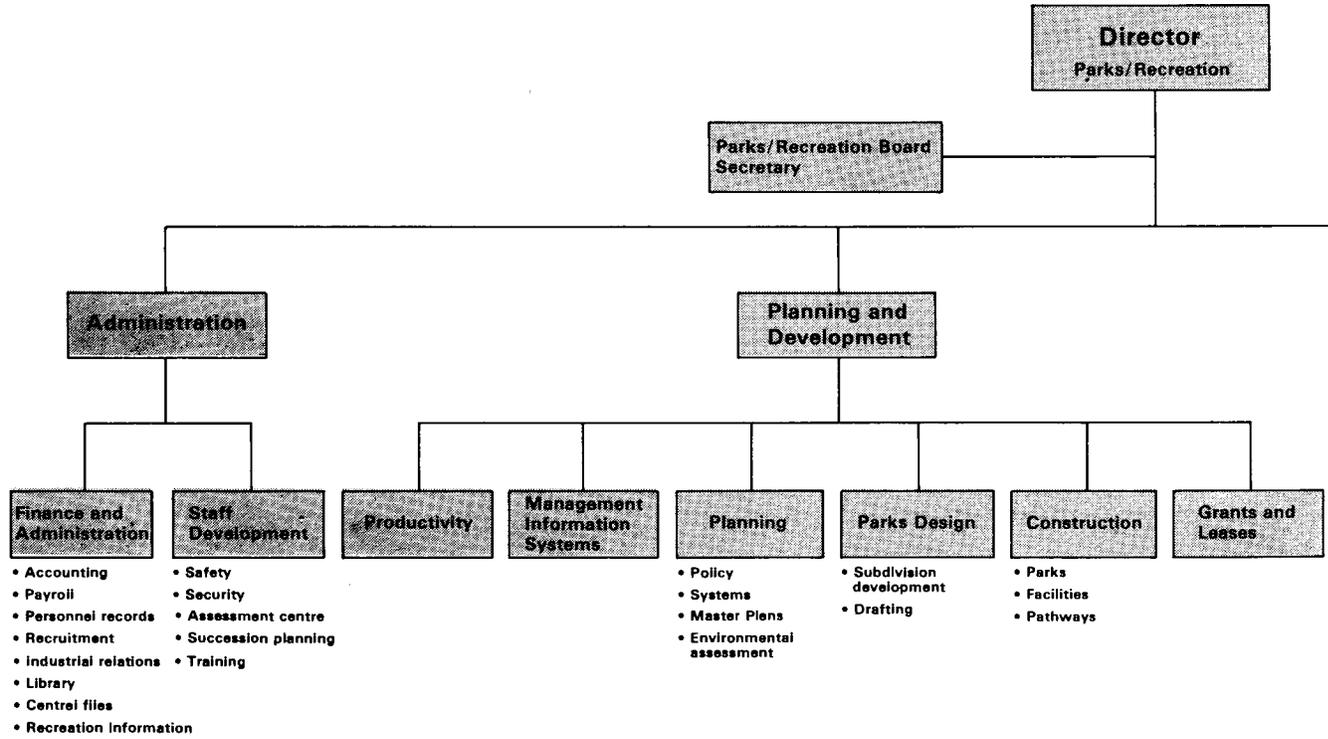
- To facilitate the provision of, and participation in, leisure opportunities which meet the needs of the people in Calgary for mental, physical and social well-being.
- To ensure that all Parks/Recreation services, programs, facilities and open spaces are

available to the public on a non-discriminatory basis.

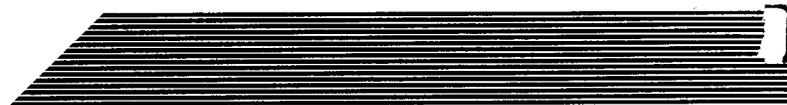
- To protect, preserve and promote appreciation of the environmental resources of Calgary.

Objectives:

- 1) Facilitation
 - To facilitate the provision of a diverse system of leisure services which effectively serve a population with varied needs, interests and backgrounds.
 - To encourage other groups, organizations and individuals to provide leisure services for their own members as well as for public use.
- 2) Coordination
 - To encourage coordination in the delivery of leisure services between government, groups, organizations and individuals so that available resources are effectively utilized.
 - To promote full utilization of all available leisure services in the Calgary region.
- 3) Provision
 - To provide leisure services for public use which complement the services provided by other governments, groups, organizations and individuals.
 - To provide leisure services only when other groups or organizations are unable to provide the quantity and/or quality of service commensurate with priority and need.
- 4) Evaluation
 - To regularly evaluate the leisure service system of the City of Calgary to ensure that it is responsive to the recreational needs and preferences of the people.



Administration



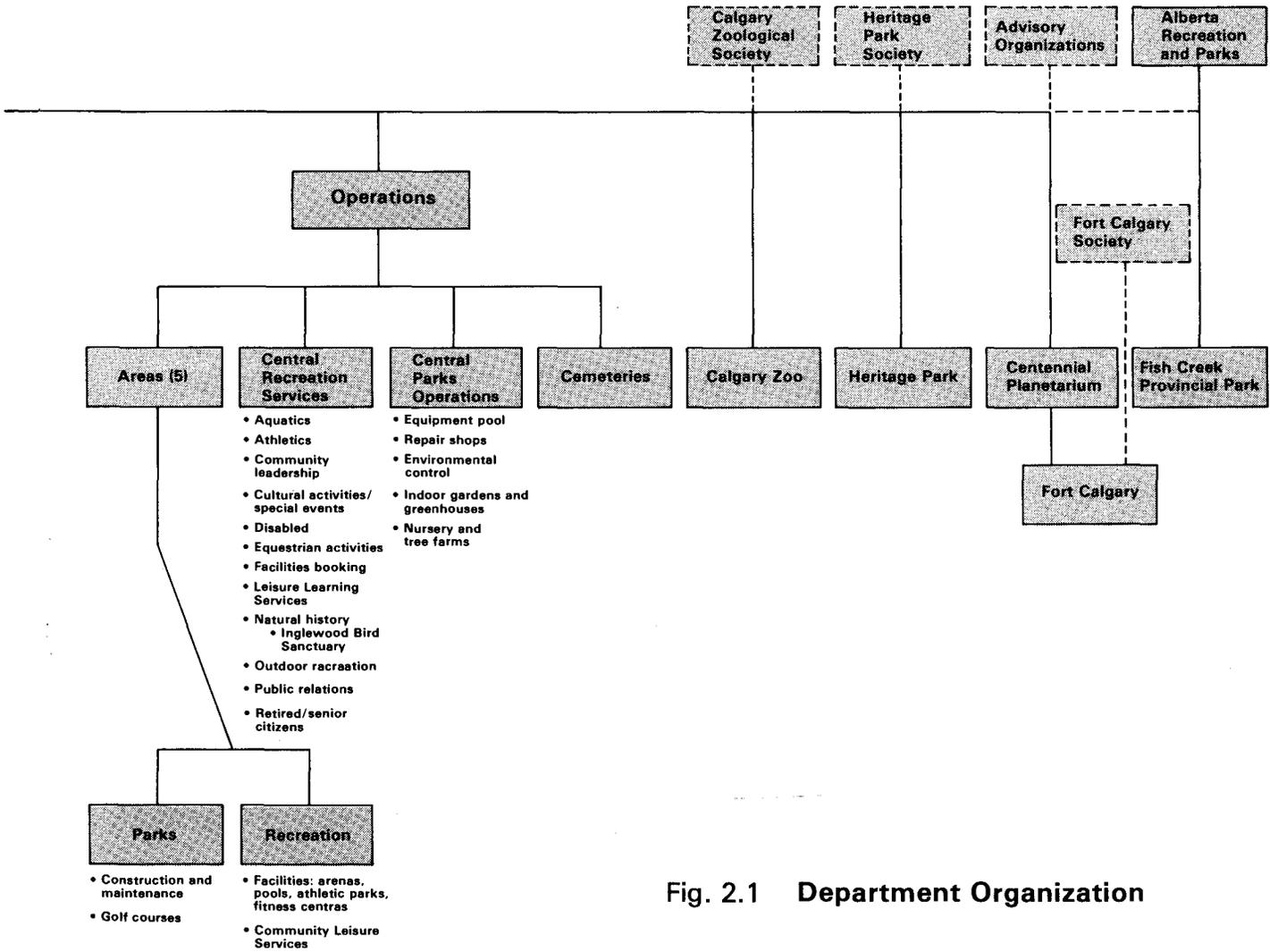


Fig. 2.1 Department Organization

Fig. 2.2
1981 Operating Budget (x \$1,000)

Program	Appropriations		Actuals	
	Expenditures	Revenues	Expenditures	Revenues
269 Weed Control	\$ 174	—	\$ 179	—
270 Mosquito Control	188	100	193	104
425 Departmental Management	1,629	28	1,667	30
426 Central Parks Operations	116	—	113	—
427 Planning	830	—	807	—
429 Other Costs/Recoveries	7,013	1,639	4,597	1,776
430 Parks Maintenance	10,687	65	10,968	90
431 Devonian Gardens	601	—	586	—
432 Swim Pools	4,791	1,354	4,938	1,388
433 Arenas	2,712	924	2,741	1,142
434 Community Leisure Services	2,140	569	1,947	489
435 Athletic Fields	957	107	952	141
436 Sport/Leisure Centres	65	20	49	1
441 Sports Grants	266	—	200	—
444 Central Recreation Services	2,745	940	2,881	1,074
450 Departmental Management	349	—	380	—
451 Zoo	3,703	289	3,147	197
452 Heritage Park	812	21	797	22
453 Planetarium	1,080	317	1,012	368
454 Golf Courses	1,469	1,397	1,405	1,250
456 Cemeteries	1,047	642	1,052	656
457 Area Management	1,312	—	1,424	—
458 Fort Calgary	321	36	349	56
754 Playground Equip. Maint.	17	—	31	—
755 Nursery & Greenhouse	88	45	(213)*	54
Total	\$45,112	\$8,493	\$42,186	\$8,825
Net Expenditures	\$36,619		\$33,361	

* Credit balance indicates an over-recovery from increased sales of plant materials to Area parks, coupled with a reduction of costs as a result of greater mechanization.

Fig. 2.3
Capital Program Summary:
December 31, 1981 (x \$1,000)

Program	Total Appropriation	1981 Expenditures	Balance
500 Parks	\$ 3,884	\$ 2,157	1,727
501 Community Parks	5,493	4,088	1,405
502 Community Service Bldgs.	4,664	1,381	3,283
503 Major Rec. Facilities & Athletic Parks	39,691	34,791	4,900
504 Cemeteries	167	131	36
505 Golf Courses	4,693	3,560	1,133
506 Heritage Park	634	547	87
507 Natural Areas/Pathways	2,848	1,139	1,709
508 Downtown Parks	156	10	146
509 Depots & Service Facilities	3,034	2,043	991
510 Zoo	6,513	5,696	817
511 Planetarium	245	107	138
512 Fort Calgary	45	11	34
514 Coliseum	100	100	0
515 Land	16,859	14,330	2,529
516 Miscellaneous Capital	58	40	18
534 Calgary Zoo Master Plan	3,900	802	3,098
Total	\$92,984	\$70,933	\$22,051

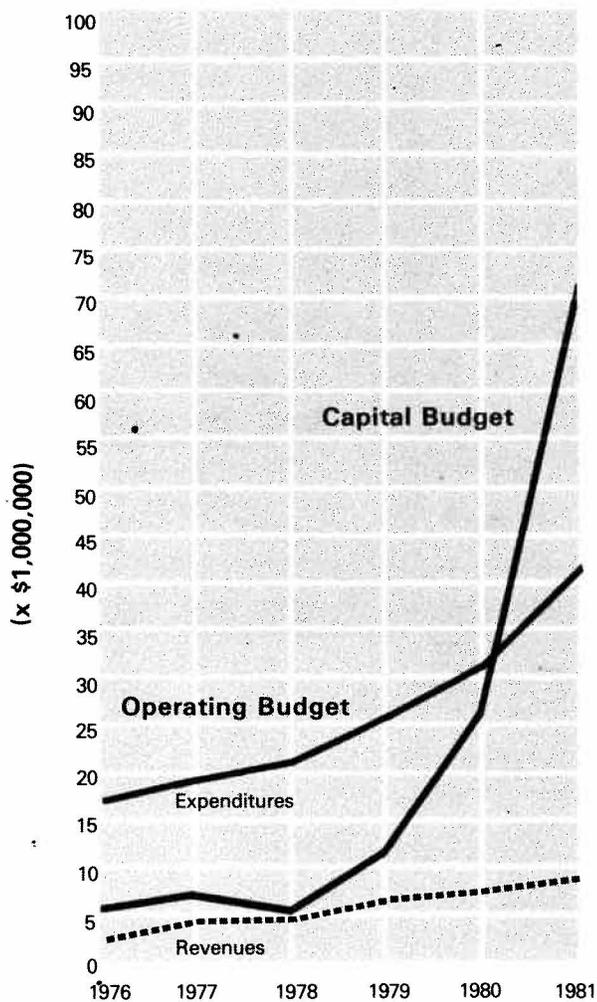


Fig. 2.4 **Actual Revenues/
Expenditures Comparison**

2.3 Staff Development, Safety & Security.

Interest in training courses remains high with 447 employees attending various training courses. Shortage of staff and staff turnover continue to hamper the Staff Development Operation.

Total Loss Control pilot projects were carried out in Areas 2 and 4; these will be continued and expanded in 1982. It is too early to assess results. The Joint Occupational Health and Safety Committee continues to gain stature and to do excellent work in Accident Prevention.

The Security program was expanded with the hiring of one additional Security Officer. A follow-up system was put into effect to ensure early response to security recommendations. The city wide Anti-Vandalism Program continues to make good progress, particularly in the area of statistics and information gathering. The seven facilities which have been equipped with electronic alarm systems have not been subject to break-and-entry. (p.50).*

*Page numbers in italics indicate where further statistics may be found in Section 6.



Parks and facilities are constantly vulnerable to vandalism.

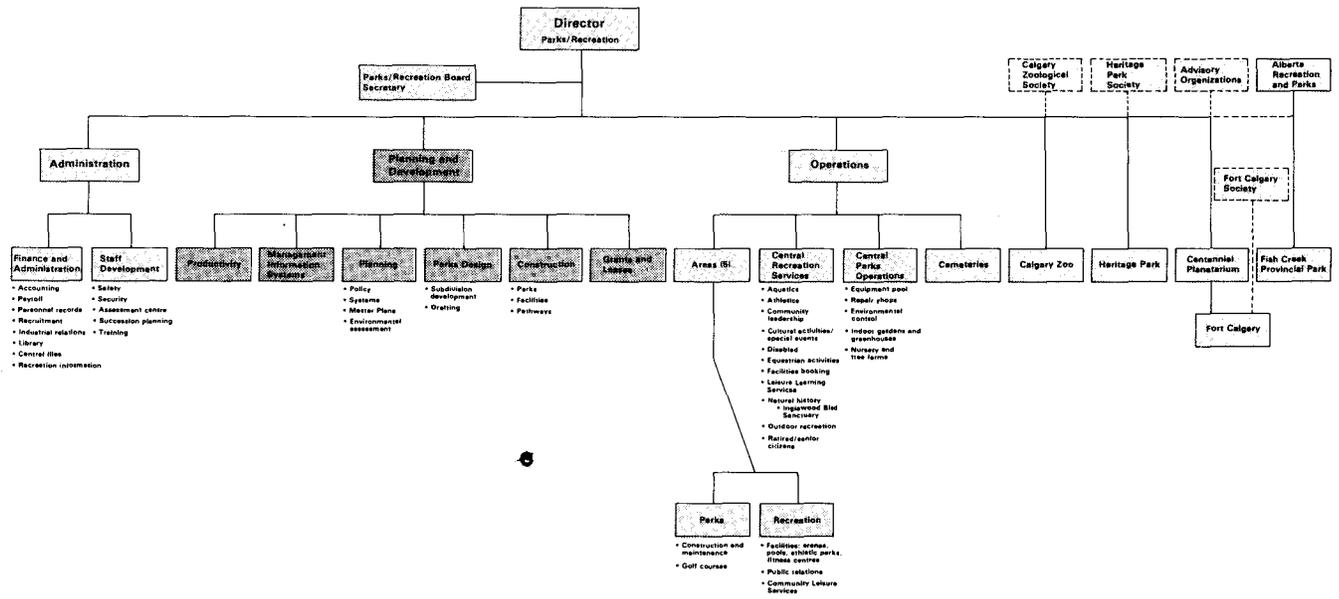


Fig. 3.1 Department Organization

Planning and Development

3.1 Productivity. During 1981 a Maintenance Management System was developed and implemented in Area 5. Results were a 10-15% increase in productivity and a 90% reduction in citizen complaints about worker performance.

A productivity audit of arenas resulted in some arenas being closed during non-prime time, saving approximately \$60,000.00.

3.2 Management Information Systems. The increasing demand for more information regarding Parks/Recreation facilities and related activities resulted in greater utilization of the MIS Section in 1981. At peak periods, a staff of five was used in data entry and verification of inventory records. Responsibility areas included:

- detailed inventory of City-owned parks and facilities in Parks/Recreation Information Management System (PRIMS)
- Cemeteries Information System: installation of a computerized system for recording, storing, and retrieving cemetery information for inquiry and management reports.
- Word Processing: acquired two word processing machines for the downtown office. Six operators were trained.
- feasibility study on Computer Graphics for use in producing park designs.
- Accounting and Management Reporting Systems (AMRS): reporting structures to accommodate a proposed system to replace Financial Information Systems (FIS).

Proposed projects for 1982 include:

- completion of reporting structures for AMRS.
- production of Community Profile document.
- maintenance of existing PRIMS inventory.



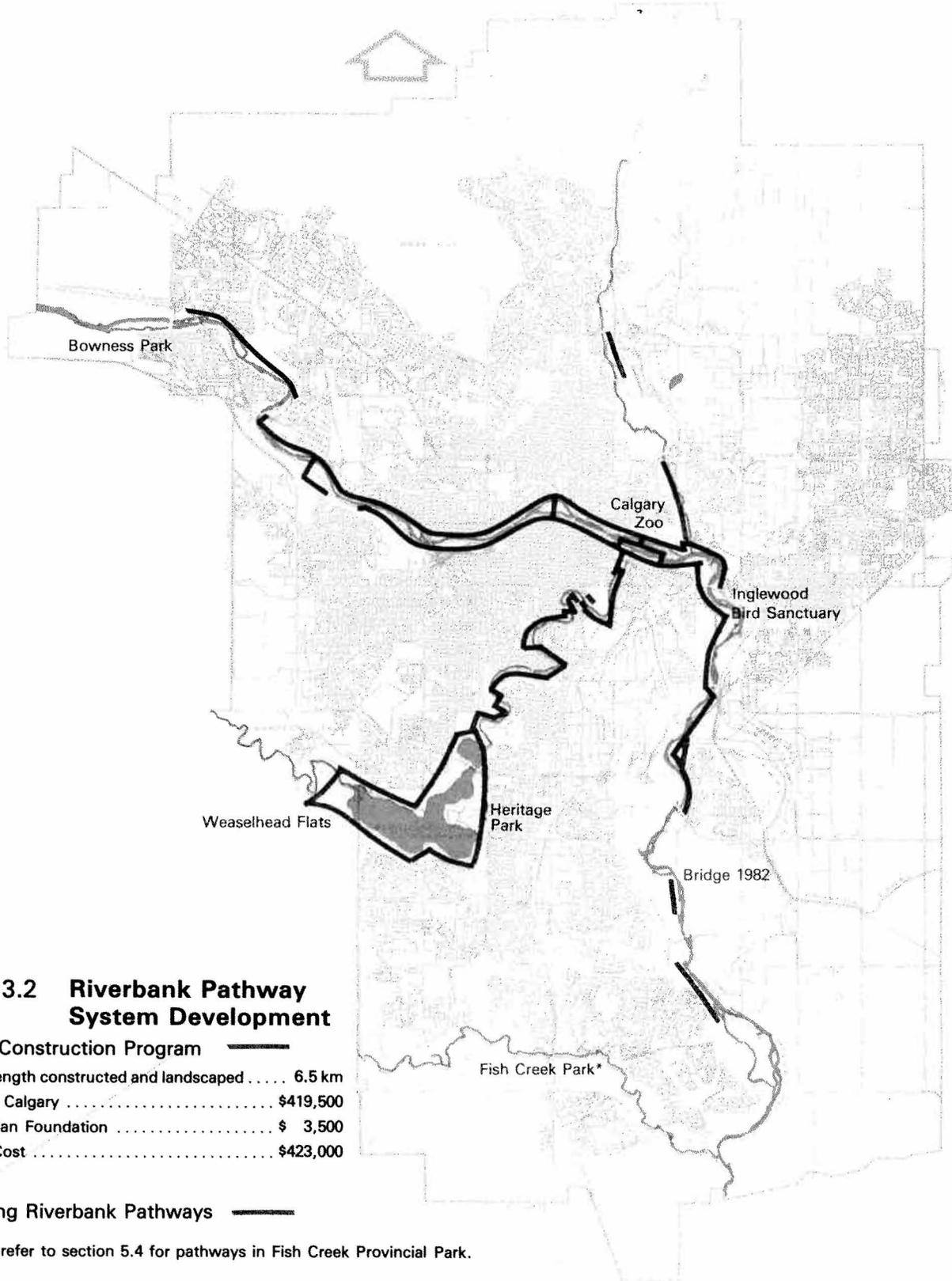
Glenmore Reservoir and the "S.S. Moyie". The reservoir and surrounding parks are the subject of the Glenmore Park Master Plan, one of several master plans in progress in 1981.

3.3 Planning. 1981 saw the completion and Council Approval of the **Policy and Systems Plan**. The plan sets out guidelines and policy direction for enhancing the delivery of services, programs, and facilities and in the provision of open space systems. Executive Summary editions of the plan are made available to the public through the Central Bookings Office.

A major effort was mounted this year to complete master plans for Carburn, Bowmont, Clearwater and Bears paw parks. **Glenmore Park Master Plan** continues to progress with a projected completion date in 1982.

In addition to the master planning and systems planning activities, the Planning Section has been actively involved in the following:

- initiation of an **Inner City Open Space Study** to inventory and assess inner city open space requirements and to propose a course of action for improving inner city open space.
- preparation of a procedures manual for assessing recreation needs and preferences at the community level.
- provision of Parks/Recreation input for a variety of Planning Department documents including Area Redevelopment Plans, Area Structure Plans, the **Calgary River Valleys Plan**, LRT corridor studies and special projects as requested.



3.4 Parks Design. In 1981, staff consisting of landscape architects, landscape technicians and draftpersons concentrated on special projects. These projects included the Fish Creek-Mannix expropriation, the open space system in Edgemont, the placement of sculptures on the mall, and graphics and audiovisual work related to the CPRA Conference in August. About forty percent of the section's time was spent on detailed site planning for Joint Use Sites in communities such as Harvest Hills, Burlington and Strathcona Cell G.

Mapleridge Golf Course Master Plan, a project involving planning and design for a nine-hole, par three and driving range expansion to the existing course, was initiated in 1981 and progressed through a public participation process to the development of a preferred draft master plan. Approval for the details of this project will be sought in 1982.

Staff also completed conceptual designs for inner city parks such as Tompkins Park, Bankview (Nimmons Park) and James Short Park/Parkade.

Contracted projects through the private sector were completed for park development in Midnapore and Pineridge. Completion of Woodlands was delayed due to the construction of a school on the site.

The Department was represented at an International Playground Association Conference held in Rotterdam, Holland in August. Very valuable liaison with representatives from other countries and the opportunity to view other perspectives on playground design and construction were the highlights.

Environmental concerns related to coulee systems in Strathcona, Shawnee Slopes and Hawkwood were reviewed by the Environmental Inspector. An extensive review of an issue related to a "bus only" crossing of the coulee in Strathcona helped establish an administrative position on how this was to be handled.

3.5 Construction. Since 1974, a system of surfaced riverbank pathways has been in the process of development. The goal is to link Bowness Park to Fish Creek Provincial Park along the Bow River, and Weaselhead to Fort Calgary along the Elbow River. To date, in excess of eighty kilometers of pathways have been constructed, a significant portion of the goal.

In three natural areas, Shaganappi Slopes, Weaselhead Flats and Edworthy Park, approximately forty kilometers of hiking and cross country ski trails have been developed. An equestrian trail is located in South Glenmore Park. In addition, four "Trim Track" exercise facilities have been located in Confederation, River, Prince's Island and South Glenmore Parks; seventy-one stations extend over approximately ten kilometers.

Major projects in 1981 included the completion of the Elbow River Pathway and the commencement of the Nose Creek Pathway.

Major construction projects completed in 1981 included the George Blundun and Jimmie Condon Arenas, the McCall Lake Golf Course and the new Civic Greenhouse. Major projects in progress at the end of 1981 are as follows:

Project	1981 Year-end Status
• Village Square Leisure Centre	75% complete
• Palliser Leisure Centre	20% complete
• Lindsay Park Athletic Centre	10% complete
• Shouldice Athletic Services Building	35% complete
• Glenmore Canoe & Rowing Club Building	30% complete
• Zoo North Access & Parking	20% complete

Community park development involved landscaping, irrigation, fencing and equipment installation at over sixty sites.

3.6 Grants and Leases. This section provides administrative services to community organizations and associations in the following areas:

- Provincial and City Grant Programs
- Preparation and execution of City leases, agreements, caveats and undertakings as required by the Provincial Grant Program or as required by the City.

The section also provides an information/liaison service to the community at large and to other sections of the department. (pp.51-55).

3.6.1 Grant Administration provides administrative services for incoming and outgoing recreational, cultural and educational grant programs for which the City and city organizations are eligible through the Parks/Recreation Department. (p.61)

3.6.2 Incoming Grants are to assist municipalities, community service organizations and associations in the development of recreation facilities and services. Programs included in this area are:

- Operational Program Assistance
- Project Co-operation
- Major Cultural/Recreation Facility Development Program

3.6.3 Outgoing Grants provide financial assistance by the City of Calgary to community organizations and associations who provide recreational programs and services. Grant programs included in this area are:

- Athletic Travel Grants
- Athletic Hosting
- Lawn Bowling
- Minor Sports Administrative Grants
- Special Events Hosting Grants

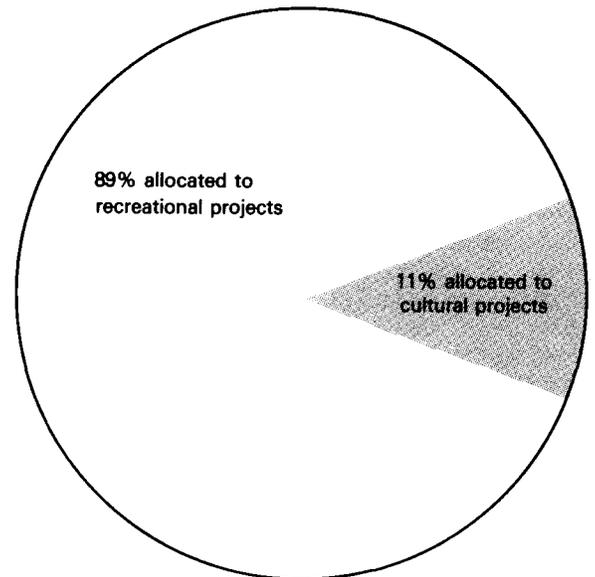


Fig. 3.3 1975-81 Average:
Grant Distribution
(Cultural/Recreational)

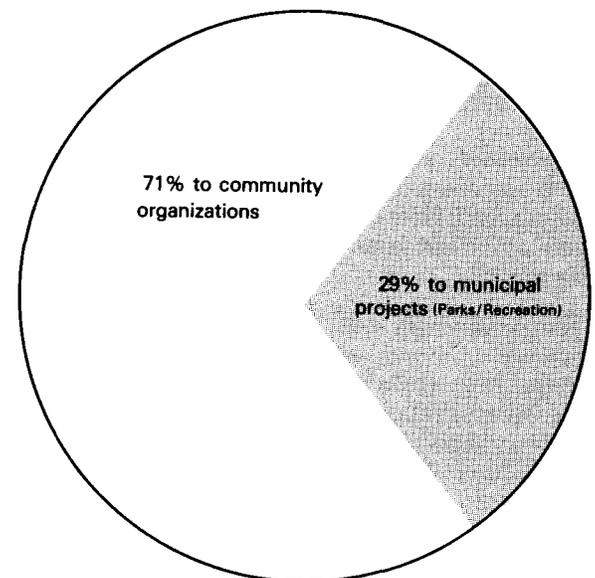


Fig. 3.4 1975-81 Average:
Grant Distribution
(Municipal/Community
Organizations)

3.6.4 Leases and Agreements provide administrative services required by community associations and organizations in the preparation and execution of City leases, agreements, caveats, undertakings and other matters connected to the leasing of City lands or as a requirement of the Recreation Grant Programs.

Fig. 3.10 Types of Agreements

Type	Description	Number	Term
Community Association Leases - Use of City Reserve Land	(a) Standard Lease 10 year term (Decision of Council, July 1977)	55	10 years
	(b) Sportsplex Lease 15 year term with Grant Funds from Provincial Government (Decision of Council, February 1977)	28	15 years
Recreation and Social Organizations Leases: Use of City-owned land N.B. Policy presently being reviewed	(a) Standard Lease 5 years up to a maximum of 40 years depending on mortgaging requirements	5	1 year (Pending Approval of Policy)
	(b) Sportsplex Lease 5 years up to a maximum of 40 years depending on mortgage requirements, with Provincial Grant Assistance	—	—
Undertakings, Caveats:	Undertakings and Caveats required under Provincial Grant Legislation for Community Organizations on Privately-owned land.	4	—
Special Agreements:	Special Agreements with School Board and other organizations	2	—

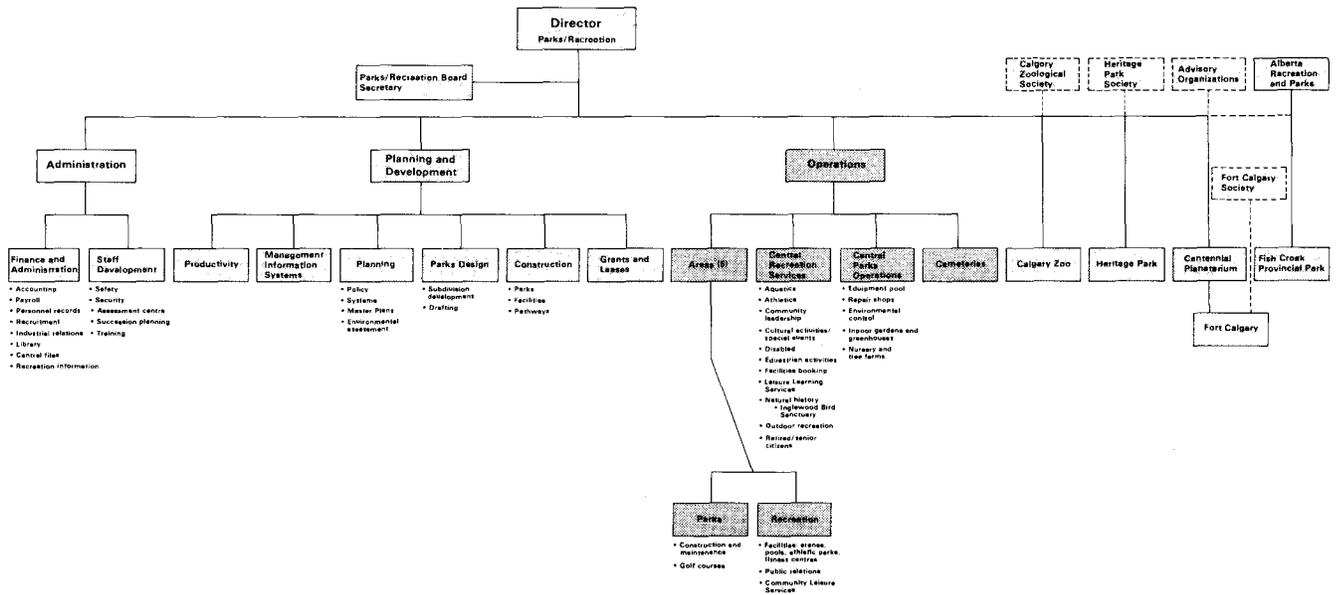
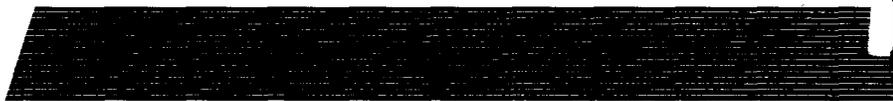


Fig. 4.1 Department Organization

Operations



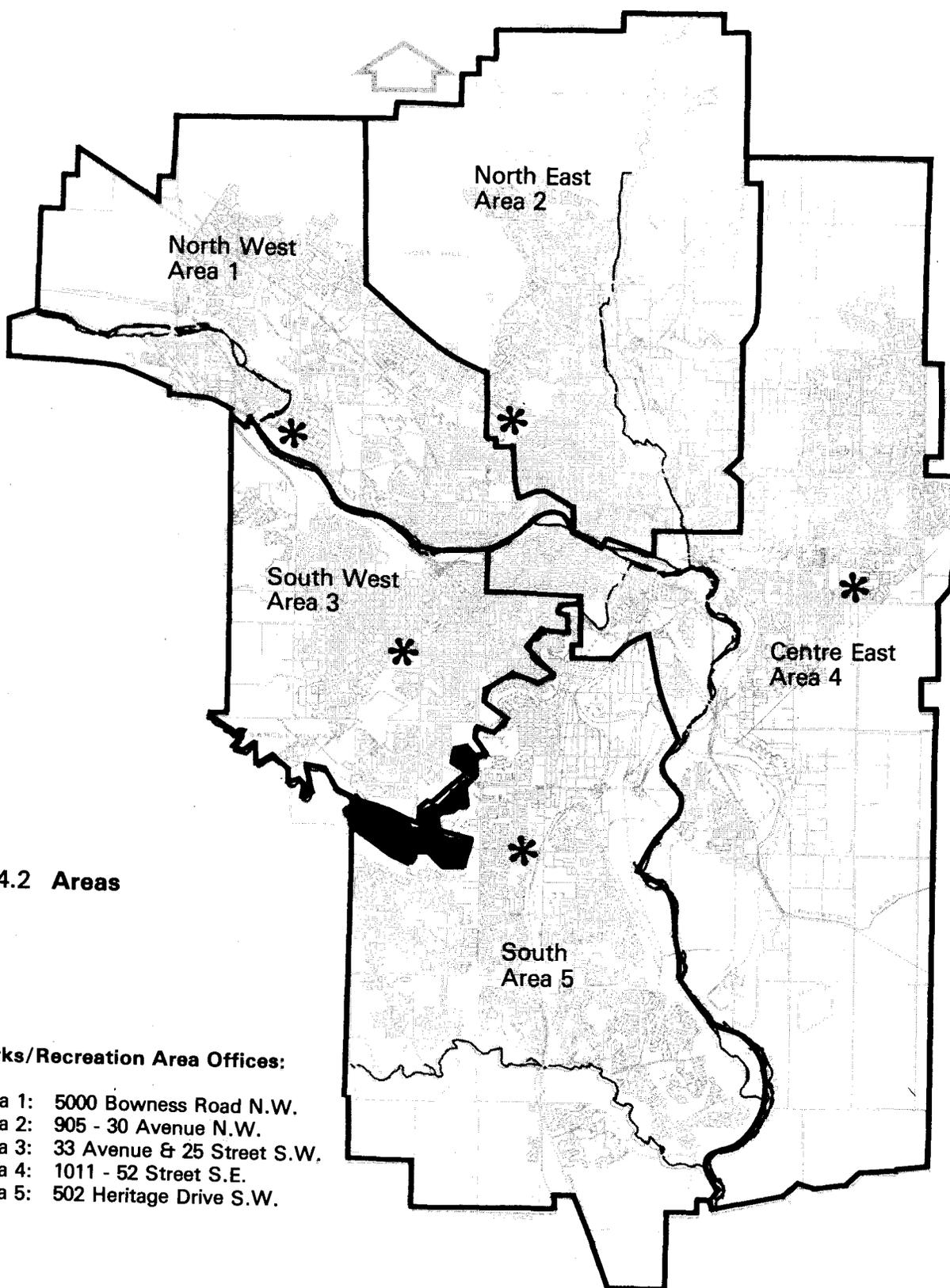


Fig. 4.2 Areas

*** Parks/Recreation Area Offices:**

- Area 1: 5000 Bowness Road N.W.
- Area 2: 905 - 30 Avenue N.W.
- Area 3: 33 Avenue & 25 Street S.W.
- Area 4: 1011 - 52 Street S.E.
- Area 5: 502 Heritage Drive S.W.

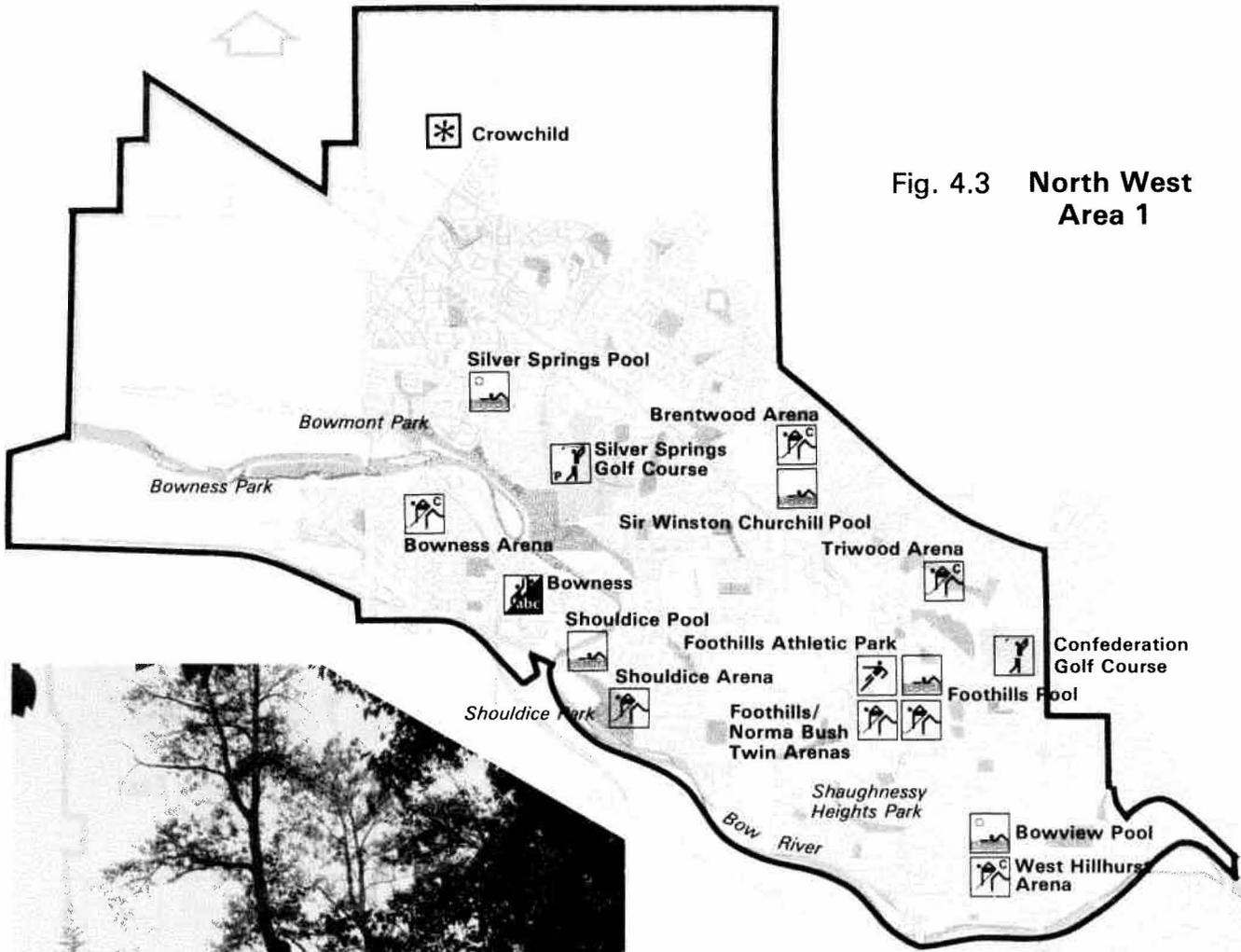


Fig. 4.3 North West Area 1



Golf course

-  city
-  private

Athletic park



Pool

-  indoor
-  outdoor

Community educational/
recreational complex



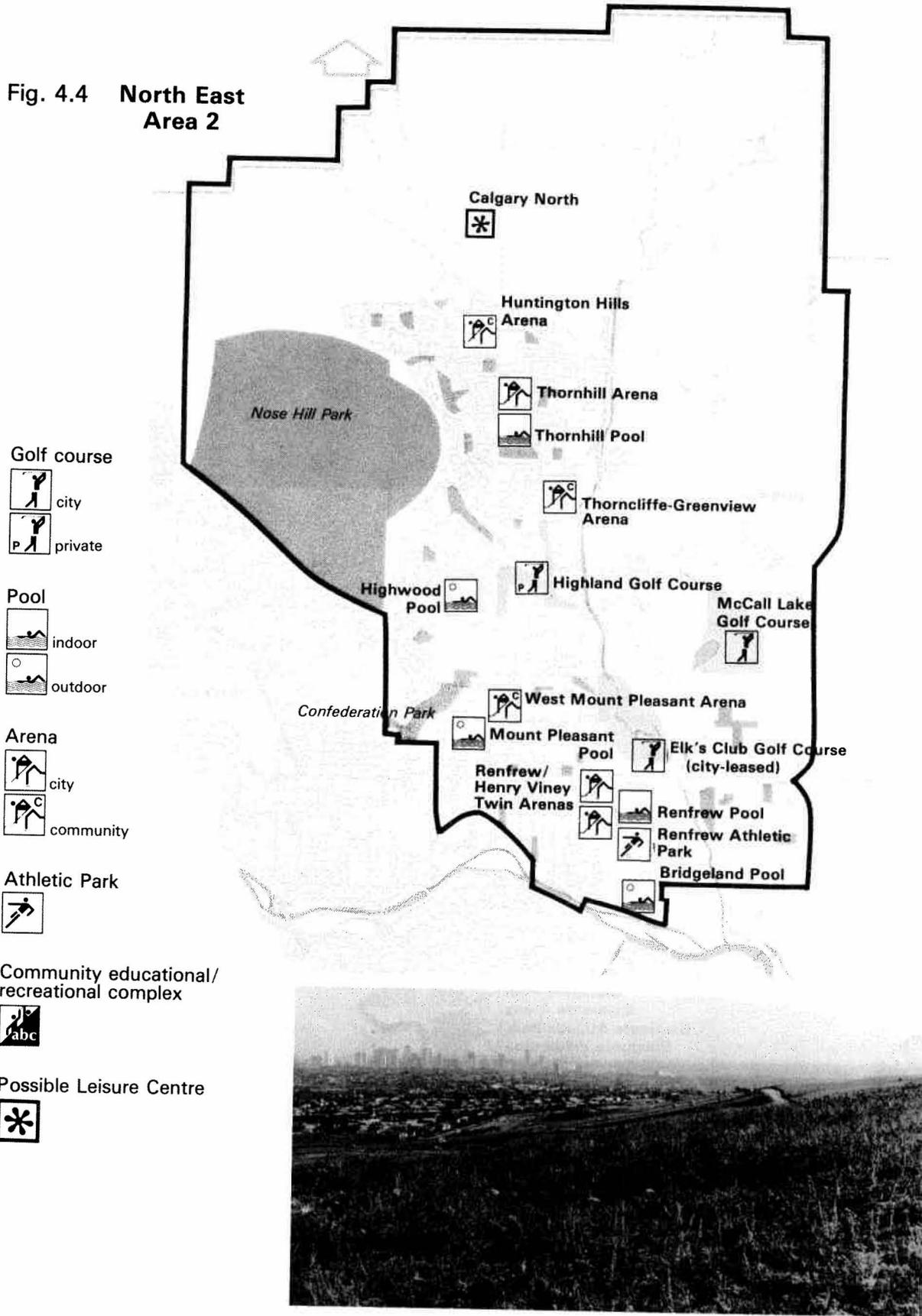
Arena

-  city
-  community

Possible Leisure Centre



Fig. 4.4 North East Area 2



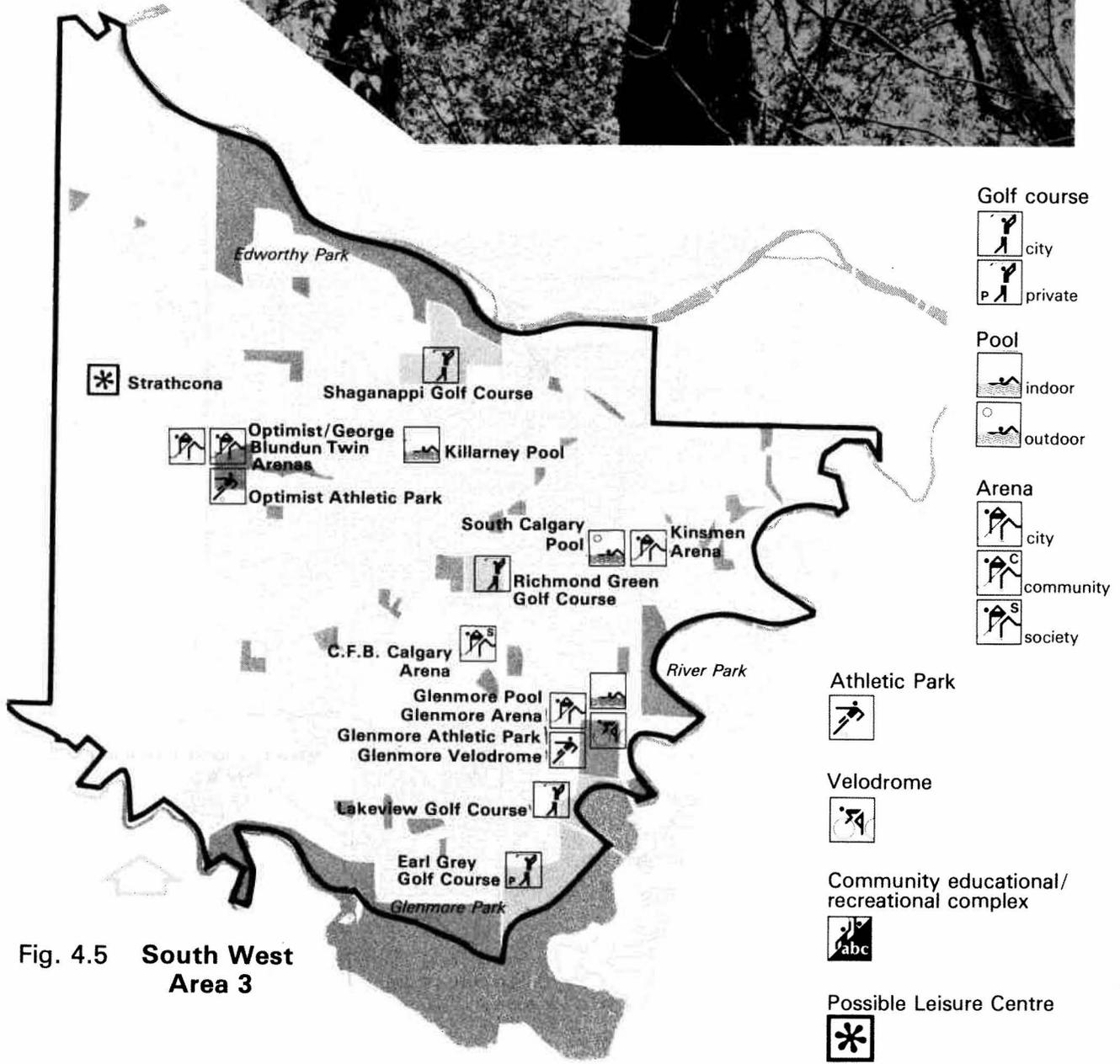


Fig. 4.5 South West Area 3

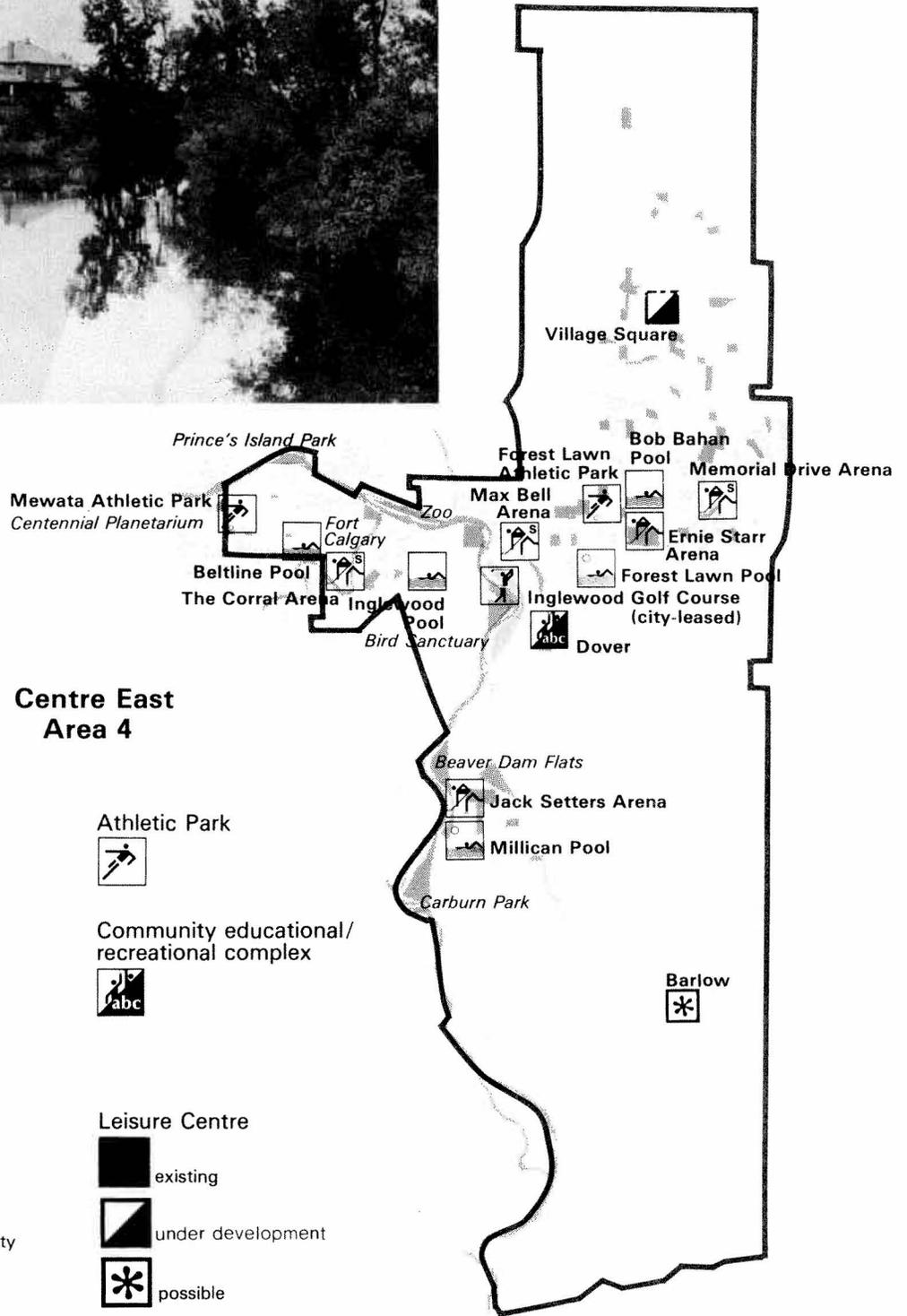


Fig. 4.6 Centre East Area 4

Golf course



city



private

Pool



indoor



outdoor

Arena



city



community



society

Athletic Park



Community educational/recreational complex



Leisure Centre



existing



under development



possible

Fig. 4.7 South Area 5

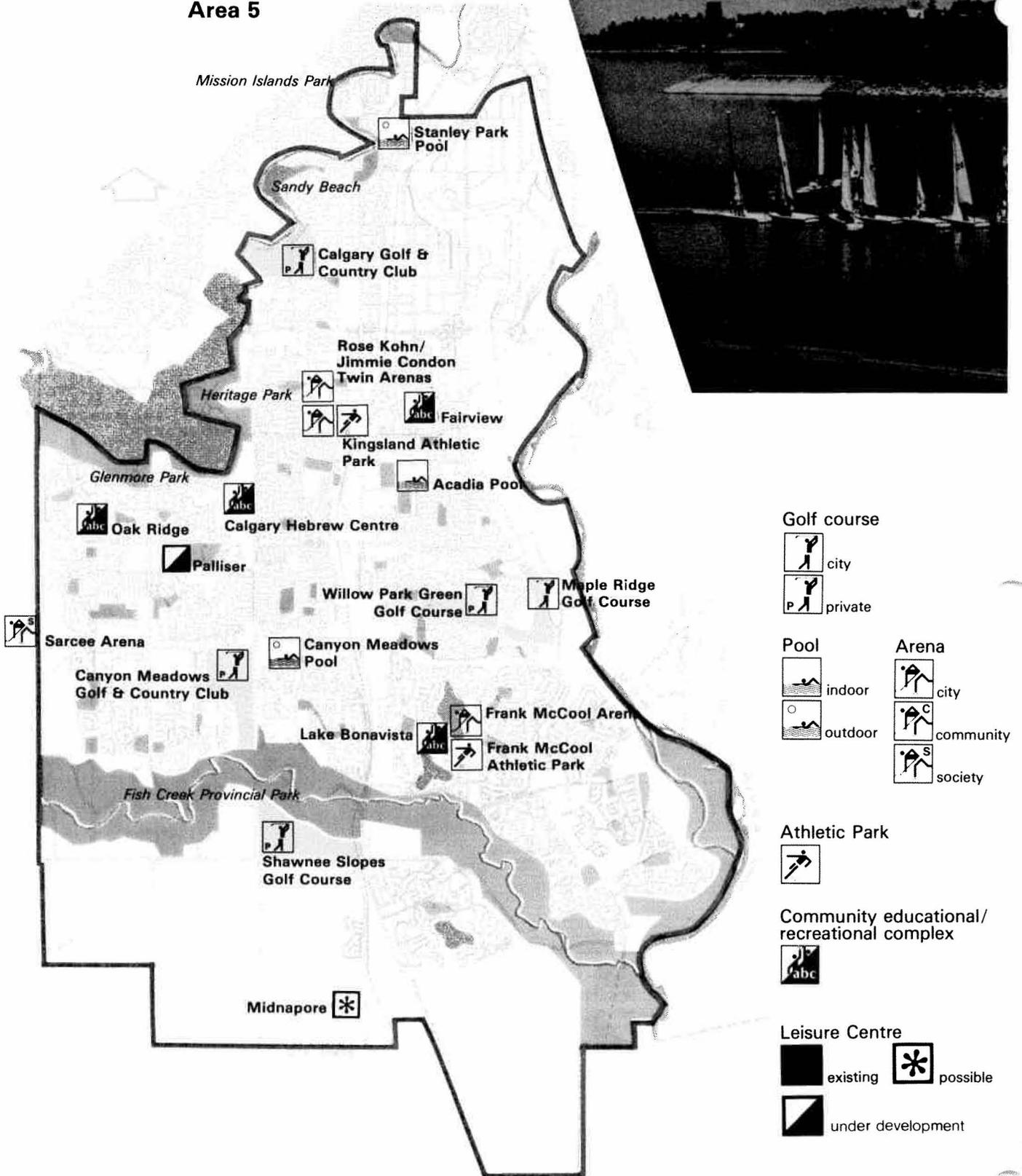
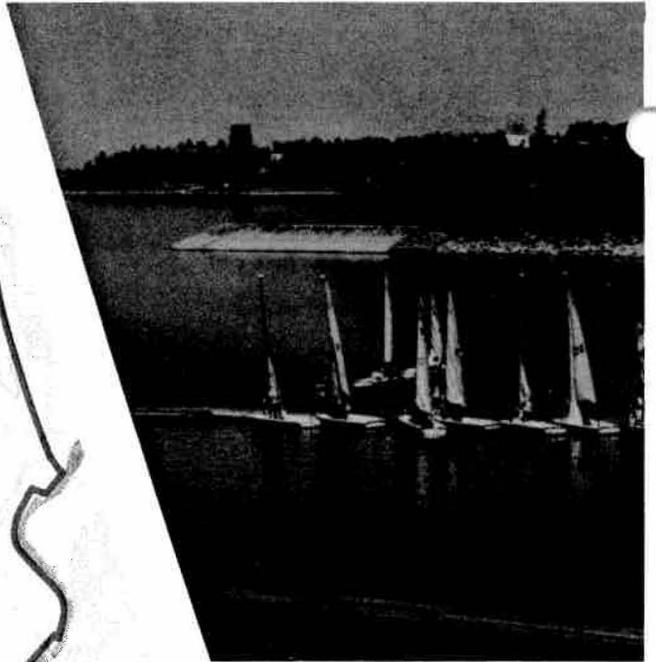
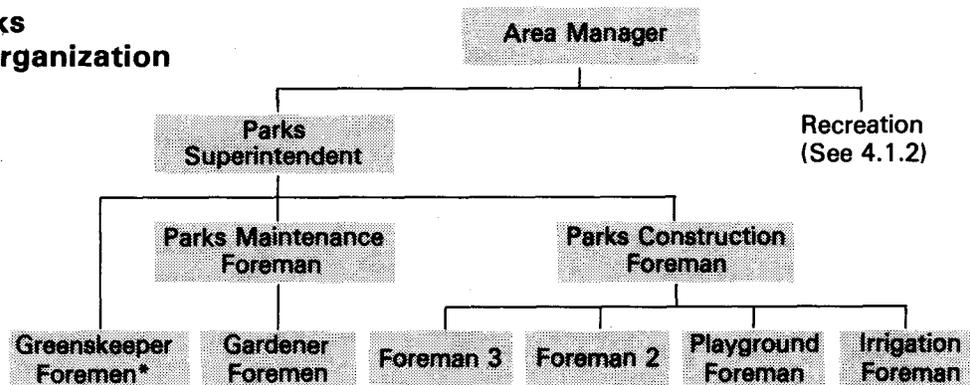


Fig. 4.8 Area Parks Staff Organization



* Confederation and Maple Ridge golf courses have a Greenskeeper Foreman reporting directly to the Area Superintendent. Shaganappi, Lakeview and Richmond Green each report through the Parks Maintenance Foreman.

4.1.1 Parks: The objectives of this section include the following:

- preserving the investment in park facilities
- providing park users with safety and reasonable conveniences
- providing uniform quality standards for parks and recreational facilities
- up-grading the urban environment

Parks operations can be grouped as follows:

- **construction and maintenance:**
 - landscaping: land forming, loaming, seeding, planting, irrigation and fencing
 - grounds maintenance: mowing, watering, fertilizing, spraying, cutting, pruning and clearing
 - amenities maintenance: fencing, buildings, furnishings, walkways, roads, parking lot services, tot lot and playfield equipment and lighting. (p.56).

- **golf courses:**

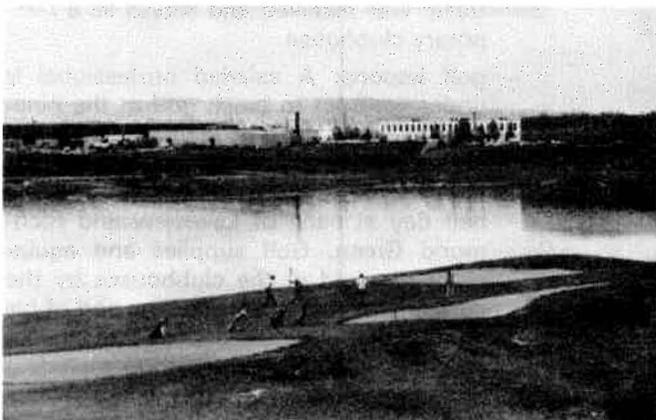
The city operates five nine-hole courses and two eighteen-hole courses.

- new facilities: McCall Lake Golf Course at 1600 - 32 Avenue N.E. was officially opened on September 18, 1981. A triple-wide trailer was installed and serves as a temporary clubhouse.
- golf lessons: A salaried professional is under contract to teach golf at the nine-hole courses. His time is divided between courses, with two days per week at each of Confederation and Maple Ridge, and one half day at each of Lakeview and Richmond Green. Golf supplies and equipment are sold at the clubhouses by the cashiers for the professional as part of his contract. The professional at Shaganappi operates a complete pro-shop including golf cart rentals. Lessons are available with free junior clinics held each year.

(cont.)

Approximately thirty new parking stalls were provided at Shaganappi by cutting into the #10 fairway; however, at peak times there is still inadequate space to accommodate all vehicles within the course grounds.

- summer programs: Shaganappi, Maple Ridge, Confederation and McCall Lake each have a booking system which allows golfers to plan their games. Weekday golfers can phone twenty-four hours in advance to book specific times. Friday golfers can book after 6:00 p.m. on Wednesdays to avoid the congestion caused by weekend bookings on Thursday mornings. Generally all available times are booked within the first hour of operation.
- winter programs: The various courses are used during the winter months for skiing. Confederation and Maple Ridge are used by the general public for cross-country skiing, with lessons organized by Central Recreation Services. Richmond Green is available to blind skiers exclusively; it is totally fenced and can be better controlled than other areas. Shaganappi offers cross-country skiing with floodlit trails for night use. The downhill operations went bankrupt in 1980. The City purchased the T-bar lift and will evaluate the downhill operations during the next year. (pp.57-58).



McCall Lake Golf Course opened in September, 1981.

4.1.2 Recreation. Area Recreation activities are directed towards the management and maintenance of area facilities - pools, arenas, athletic fields, etc. - and the co-ordination of Community Leisure Services. (pp.59-68).

The Thornhill Health & Fitness Centre, located in Area 2 at 6619 Simons Valley Drive N.W., celebrated its official opening on December 17, 1981. The Centre offers first-class health and fitness opportunities to Calgary's public. Special features of the Centre include:

- universal weight training equipment
- four solarium tanning units
- men's and ladies' steam rooms
- whirlpool
- ballet (dance) bar and mirrored wall

A warm, relaxing atmosphere is created by the earth-toned decor, tropical plants, sky-lights, lounging chairs and sound system.

The Centre is scheduled to include both public drop-in hours and registered programs. These programs are designed for specific fitness needs eg. senior citizens', men's, ladies', teens and co-ed fitness classes, aerobic dance, cross-country ski and whirlpool, turf and surf (one-half hour land and one-half hour pool fitness), and nutrition lectures.

During public drop-in times, individualized fitness programs can be arranged with the fitness coordinator to meet specialized needs. Circuit training charts are posted for individual use. Babysitting services are also available.



Fitness equipment in the new Thornhill Centre. Alderman Bob Hawkesworth demonstrates.

Fig. 4.9 Area Recreation Staff Organization

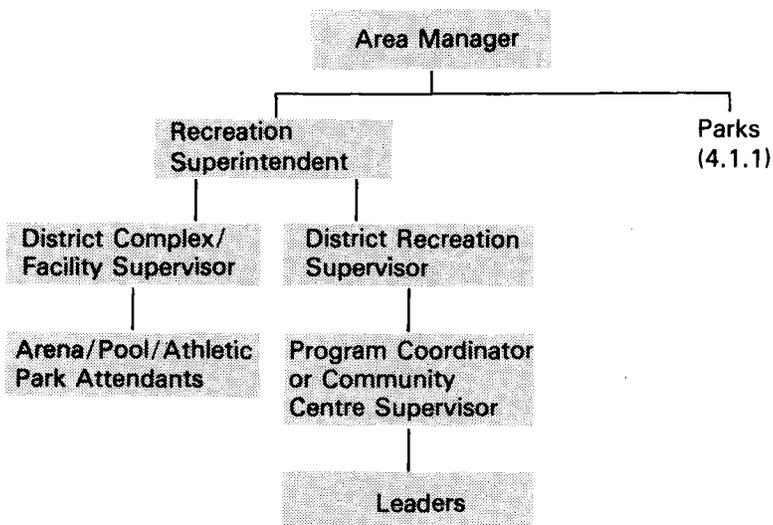
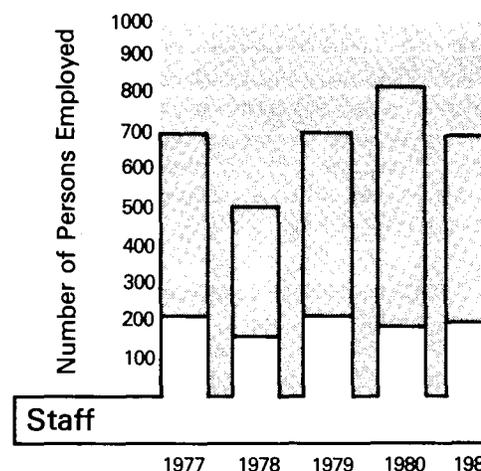
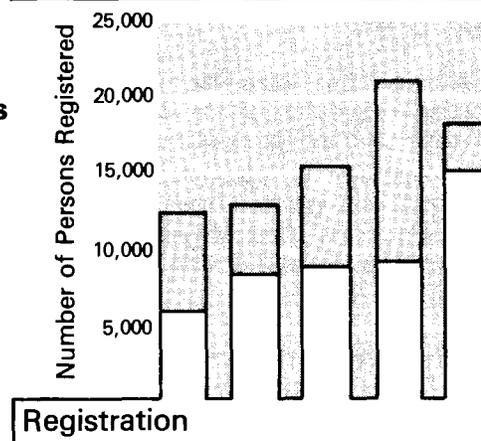
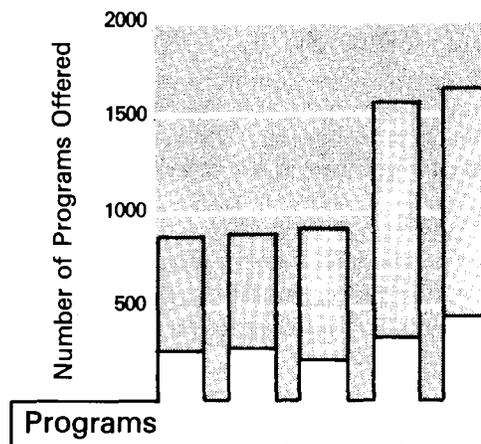


Fig. 4.10 Community Leisure Services

- **Community Leisure Services.** The role of Community Leisure Services remains basically that of providing recreation programs for children. Some adult programs are provided when there is an expressed need indicated and when other sections within the Department cannot meet these needs.

Summer program registrations were up significantly from the previous year (1980). Better programs and good marketing contributed to the increase. Notable successes included the Ethnic Fair and Senior Citizens' programs and Summer sports and regular camping programs were again very well received. Co-sponsored programs such as Pedal Pushers were very successful in the Spring session. Winter program registrations were down slightly. A number of problems contributed to the decrease, including a more stringent cancellation policy, higher fees for family programs, and a publicity distribution problem. (Fig. 4.10).



Summer Programs
Fall/Winter/Spring Programs

Fig. 4.11 Aquatic Programs and Services

4.2 Central Recreation Services.

The purpose of Central Recreation Services is to provide programs and services which do not ordinarily lend themselves to decentralization. These may be grouped in the following categories:

- City-wide programs
- Leadership training programs
- Consulting services to the public
- Support services to the decentralized offices.

This section will briefly report on specific services and programs offered by Central Recreation Services in 1981.

4.2.1 Aquatics. June was highlighted by the sod turning ceremony for the Glenmore Canoe and Rowing Club facility in Glenmore West Park.

The building is scheduled for operation in mid-1982 and will be hosting Canoe/Rowing activities for the 1983 Western Canada Games, followed by the 1983 National Rowing Championships. (Fig. 4.11).

4.2.2 Athletics: The Athletics Section is responsible for working with sports groups as consultants and as resource people to assist them in upgrading their programs.

The main areas of participation of this Section are Direct Programs and Leadership Programs. Direct Programs are programs designed to improve the quality of play of the participants, while Leadership Programs are to improve the quality of coaches and officials participating in the various sports. (Fig. 4.12).

4.2.3 Community Leadership. The Leadership Development Section is committed to providing staff, community groups, and community-minded individuals with training and development programs, in order to create a work force of well-rounded individuals better able to serve the community. (p. 70).

Direct Programs and Services:

Sailing

20 Sessions
2,000 Participants

Boat Patrol and Rescue Service - Glenmore Lake

1,100 Assessed Rescues

Public Sailboat Parking

478 Land Stalls
25 Water Mooring

Public and Separate School Swim Program

45,000 Participants

Aquatic Staff

Leadership Training
5 Sessions
200 Participants

Canoe Safety Program

3,800 Participants

Regatta Assistance and Boat Patrol

Rowing Program
100 Participants*

Consultation with:

City "Learn to Swim" Program
City Life Saving Program
Competitive Swim Clubs
Learn to Dive Program
Basic Skin Diving Program
Water Polo Clubs
Synchronized Swim Clubs
Scuba Clubs

Liaison with:

Canadian Red Cross Society
Water Safety
Royal Life Saving Society
Canadian Amateur
Swimming Association
Canadian Amateur
Diving Association
Alberta Scuba Diving Council
Canadian Water Polo Association
Canadian Yachting Association
Calgary Canoe Club
Calgary Rowing Club
Glenmore Yacht Club

*Decline in program; Public School Board not involved in 1981 Rowing Program

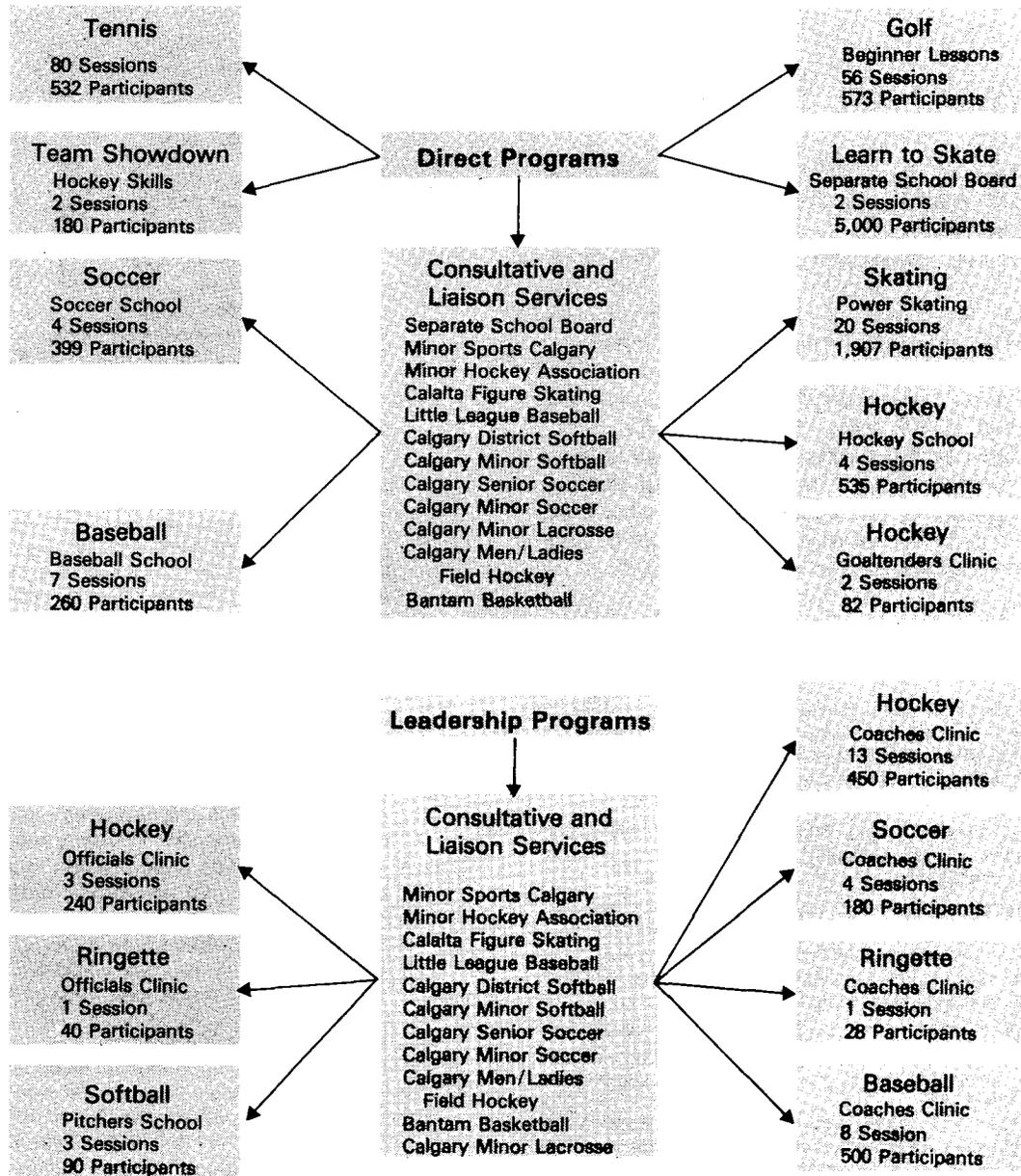


Fig. 4.12 Athletic Programs

4.2.4 Cultural Activities/Special Events. During 1981 the Cultural Resource Centre corresponded with six hundred local performing arts, visual arts and ethno-cultural organizations regarding programs, coming events, grants and facilities. Approximately 35,000 telephone inquiries were received regarding cultural affairs.

The Centre compiled twelve editions and distributed 72,000 copies of the "Arts Calendar" which lists coming events on the Calgary cultural scene. Seventy percent of these went to associations, institutions, and businesses, who post them for the information of many. The number of people reached is impossible to calculate. (p.69).

Cultural Activities and Special Events in 1981 included the following:

- **The Spirit of '75** - a touring performing group of senior citizens, brought their vaudeville-style show to thirty-five seniors lodges and drop-in centres. This project, funded by an Alberta 75 Anniversary grant, reached approximately 4,000 people.
- **Wagonstage Touring Players** - Approximately 18,000 children enjoyed performances of two different plays presented by a cast of five university students.
- **Band Concerts** - From June to September, nineteen band concerts were schedules in Calgary parks. This program is co-sponsored by local businesses and the Musicians' Performance Trust Fund who together provide two thirds of the program costs.
- **A Fall Festival for Young People** - Over 7,500 children attended a theatre festival which featured thirty performances by three theatre groups from Calgary, Vancouver and New York.
- **Co-operative Community Programs and Events** - In this category are listed community-based events to which major assistance is provided by the department. Notable events presented in 1981 include the Alberta Stage program of the Calgary Exhibition and Stampede, Community Association Programs and the Annual Folk and Jazz Festivals.
- **Senior's Afternoon in the Park** - On August 5th, three hundred and fifty senior citizens attended a special social event at Prince's Island Park. A band concert, social dancing, art displays and demonstrations were featured.
- **The Portable Punch Fair** - On July 16th three Punch and Judy troupes performed a total of nine performances in various Calgary Parks. Despite rainy weather approximately two hundred people attended each performance.

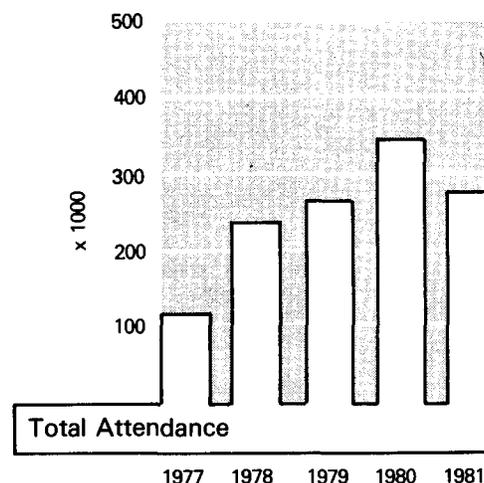


Fig. 4.13 Cultural Activities/Special Events

- **Devonian Gardens Programs** - From January to December eighty five performances were presented in the Devonian Gardens. Among the most popular was a series of chamber music concerts co-sponsored by Mount Royal College and the Calgary Chamber Music Society.
- **Visual Arts Exhibitions** - in 1981, exhibitions were hosted in the Devonian Garden's. The broad range of materials shown included finger paintings, oil paintings, pottery, photography, textiles and dolls.
- **Visual Arts Information Project** - in association with the Junior League of Calgary, the Visual Arts and Crafts Communication Council of Alberta and the Muttart Gallery, the Visual Arts Information Project is an inventory of artists and craftspeople in Calgary and area.
- **Community Art Displays** - in 1981 four art displays in seniors' centres and community facilities were co-ordinated by this section.
- **Public Artwork Placements** - In co-operation with the Alberta College of Art, four graduating students were commissioned to create major artworks for recreation facilities.
- **Public Artwork Lecture Series** - A series of five international guest lectures were hosted on the development and philosophy of artwork for public use and enjoyment. This was a joint program of the Cultural Resource Centre, Alberta Culture and the Alberta College of Art.
- **Civic Art Collection** - In July the Cultural Resource Centre of the Parks/Recreation Department was made custodian of the Civic Art Collection by a motion of City Council. Working in response to the community-based Calgary Allied Arts Centre the Department will be responsible for the care and housing of this growing collection.
- **Heritage Day** - August 3rd: Approximately 8,000 people attended the celebrations at Prince's Island Park. Folk art displays, ethnic booths, and a concert band performance complemented the main stage concert. The Calgary Folks Arts Council with assistance from the Parks/Recreation Department planned the day.
- **Canada Day, July 1st** - Cancelled due to rain.

Fig. 4.14 Recreation Programs and Services for the Disabled: 1981

Programs for Disabled Persons:	Winter		Spring		Summer		Fall		Totals	
	Programs	Participants	Programs	Participants	Programs	Participants	Programs	Participants	Programs	Participants
• Indirect*										
— Adult	24	442	12	215	—	—	28	431	64	1,088
— Children	9	143	2	24	2	104	6	82	19	353
• Direct**										
— Adult	—	—	—	—	2	36	—	—	2	36
— Children	—	—	—	—	7	147	—	—	7	147
Hospital Support Program ***	30	459	—	—	24	463	34	425	80	1,252
Integration Programs										
• Adult Leisure Education	1	6	—	—	—	—	4	22	5	28
• Teen's Leisure Education	1	6	—	—	—	—	1	5	2	11
• Children's Recreation Integration ****	—	—	5	36	—	—	5	68	10	104
Integration Services										
• Adult Leisure and General Interest Courses	15	28	9	9	—	—	15	19	39	56
• Children and Teens	5	5	—	—	26	73	—	—	31	78
Totals	85	1,089	28	284	61	813	93	967	267	3,153

* programs run in co-operation with community agencies and organizations

** programs run by Recreation Services for the Disabled

*** programs run in co-operation with active treatment and auxiliary hospitals

**** programs run in co-operation with the Calgary Public and Separate School Boards

N.B. Considerable increase has been seen in both numbers of programs and numbers of participants in 1981 due to:

1. Inclusion of The Hospital Support Program in the Recreation Services for the Disabled Section.
2. Response to increased demand for service by disabled citizens in the community and agencies and organizations.

4.2.5 Recreation Services for the Disabled.

1981 was International Year of Disabled Persons. A Special Events Coordinator was hired to work in conjunction with the City of Calgary Public Information Department, community agencies and organizations to produce special events celebrating I.Y.D.P. These events were varied and directly involved over six thousand people. Forty public service commercials promoting awareness, understanding and involvement of disabled persons were produced and aired on CFCN, CFAC and CHQR. Other services included:

- Program information and referral
- Accessibility information
- Leadership development
- Public education
- Liaison and coordination
- Consultation
- Program development
- Information and resource dissemination

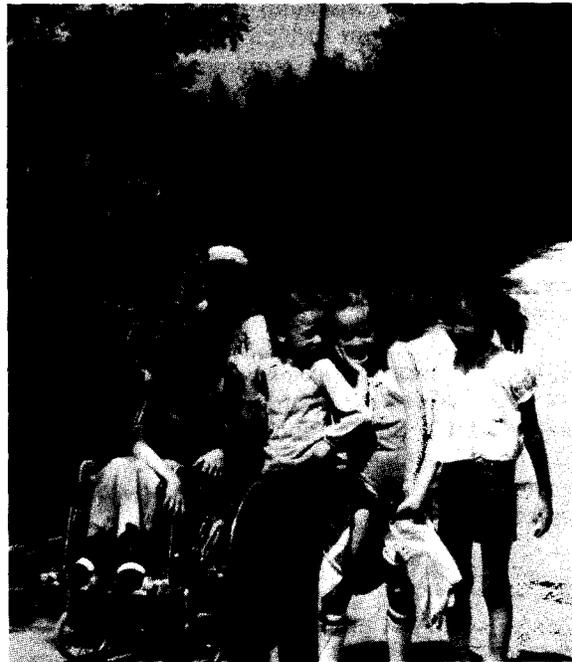


Fig. 4.15 Facilities Booked: 1981

6 groups	2 athletic facilities	3 rugby fields	40 teams
595 teams	40 soccer/football fields	3 field hockey pitches	40 teams
750 teams	46 softball diamonds	54 baseball diamonds	250 teams
505 minor teams 200 adult teams 100 other groups	15 arenas	16 picnic sites	550 groups
	175 public schools 57 separate schools		962 groups

4.2.6 Equestrian activities: The 16th Annual City of Calgary Horse Show was held June 28th through July 1st, 1981. All English Classes were held at the South Glenmore Equestrian Park and the Competitive Trail Ride was held at Bragg Creek.

4.2.7 Facilities Booking/Scheduling: This section deals, on a continuing basis with approximately 1500 different groups in accommodating their recreational facility requirements. In 1981, the 411 available facilities, including schools and McMahon Stadium, were utilized by 10,750 groups and teams. (p. 70). (Fig. 4.15).

4.2.8 Leisure Learning Services. This section within the Parks/Recreation Department works in close co-operation with the Calgary Board of Education's Continuing Education Department.

During 1981, expansion of Leisure Learning Services was limited to programs specifically requested by the public, and to programs of absolute need identified by staff as being essential to the well-being of a particular community or self-interest group.

The section did introduce a number of new programs to the public and expended some effort in making existing programs more attractive. Weekend workshops were increased; these

workshops have been enthusiastically received and will be expanded.

Twenty-two special events were organized by Leisure Learning Services in 1981, the major one again being the Ceramics Seminar. Two other events deserve special mention: the Fitness Round-up held at the Banff School of Fine Arts and the Quilting Conference held at the Highlander Hotel. Both received maximum registration and were outstanding successes.



4.2.9 Natural History Education. In 1981, twelve natural history courses were scheduled. Although total enrollment increased only slightly over that of 1980, the increased length of some courses and a revised fee structure for the advanced courses resulted in a 26% increase in revenue. Four of the courses were advertised by mail only, considerably reducing advertising costs.

Increases in revenue were also generated by raising the charge for a naturalist guide for tours from \$5.00/hr in 1980 to \$8.00/hr. in 1981, and by offering the book **Birds of North America** for sale to students in the adult courses. (Fig. 4.16).

1981 also saw the publication of the book **Calgary Natural Areas**, which had taken two years to complete.

- **Inglewood Bird Sanctuary:**
 - a maintenance activity schedule was implemented to increase time management efficiency.
 - the Calgary Fish and Game Association will double the size of the existing pheasant-rearing pens in the spring of 1982.



Fig. 4.16 Naturalist Areas of Responsibility

Guided nature tours for Kindergartens (32)	Management of Wildlife species under federal and provincial permits
Guided tours for schools (61)	Wildlife research and publication
Guided nature tours for senior citizens (2)	Biophysical Inventories <ul style="list-style-type: none"> • Bearspaw • Priddis Slough
Guided tours for organizations (16) <ul style="list-style-type: none"> • Scouts, Guides, Beavers, YMCA, etc. 	Public relations <ul style="list-style-type: none"> • city-wide on any aspect of wildlife
Guided tours for groups (8) <ul style="list-style-type: none"> • playgrounds • communities • Fun Outdoors • Bike Hiking • Church groups • Providence Creche • Psychiatric patients/hospitals 	Advertising <ul style="list-style-type: none"> • courses, tours • Inglewood Bird Sanctuary • guided tours in parks
Illustrated talks (6) <ul style="list-style-type: none"> • schools • Hunter Training programs 	Supervision: Inglewood Bird Sanctuary <ul style="list-style-type: none"> • maintenance of natural and ornamental areas • construction and improvements • staff
Adult Education Courses <ul style="list-style-type: none"> • lectures (107) • field trips (49) 	Special Projects <ul style="list-style-type: none"> • Natural Areas Report • CFNS • Review Master Plan • Open Space Policy Committee • Review Calgary River Valleys Plan
Liaison <ul style="list-style-type: none"> • Fort Calgary, Heritage Park, School Board, Parks/Rec Areas, University of Calgary Devonian Foundation, Natural History and Conservation organizations, Calgary Zoo, Canadian Wildlife Service, Provincial Museum, Outdoor Recreation Committee, private land owners (access) 	

4.2.10 Outdoor Recreation. In 1981 Outdoor Recreation continued to grow in program registration and increased community service.

Two major highlights in 1981 involved the City-Wide Day Camps Program in which a record 1,300 children registered and the hiring of a full-time Outdoor Recreation Programmer to assume responsibility for the highly successful Winter Tipi Living and Summer Camping programs.

Community Services were increased to assume a more responsible role in facilitation and coordination of outdoor programs.

The Department, through the Outdoor Recreation Section, now has a well established base with the following groups:

- Alberta Camping Association
- Alberta Canoeing Association
- Calgary Whitewater Club
- Calgary Canoe Club
- Calgary Boys and Girls Club
- Canadian Association of Nordic Ski Instructors
- Calgary Cross Country Ski Council
- Calgary YM and YWCA
- Girl Guides of Canada
- Calgary Board of Education
- Calgary Catholic Board of Education
- University of Calgary Outdoor Pursuits
- Mount Royal College

The area of outdoor leadership is one which the Section is promoting through the above outdoor agencies. The section will be putting a strong emphasis on this area in 1982. (Fig. 4.17).

4.2.11 Public Relations. 1981 presented a great number of opportunities to involve the public with the Department. A dual-projector slide presentation explaining the Department's new Policy and Systems Plan was produced for use at the non-statutory public hearing on the policy, and at meetings with communities and special interest groups.

Over 33,000 people visited the Calgary Home and Garden Show where the Parks/Recreation Department manned a display booth. Thousands of Calgarians stopped at the booth to pick up informational literature and to ask questions ranging

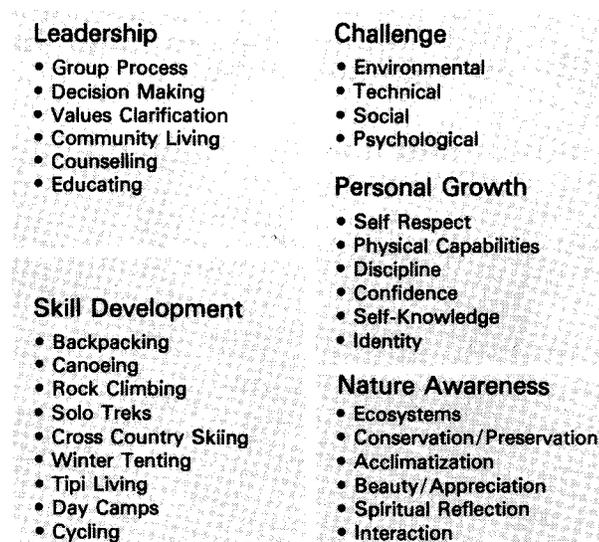
from "How can I get a boat parking site at Glenmore Lake?" to "How can we let City Hall know we are concerned about saving the riverbanks from development?"

The Public Relations Section coordinated and hosted fifteen public ceremonies in 1981 which were attended by some 1,200 guests. These events included:

- **Sod Turning Ceremonies:**
 - Palliser Leisure Centre
 - Calgary Canoe and Rowing Club Building
 - Lindsay Park Athletic Centre
- **Official Openings:**
 - Shouldice Indoor Pool
 - Civic Greenhouse
 - George Blundun Arena
 - McCall Lake Golf Course
 - Jimmie Condon Arena
 - Thornhill Fitness Centre
- **Others:**
 - Arbour Day
 - Planetarium Science Wall Unveiling
 - Laser Light Show Opening Reception - Planetarium
 - Canada Day Opening Ceremony (Cancelled)
 - Norcen Statue Dedication
 - Civic Art Collection Dedication

The Public Relations Section also began consulting with community groups to assist them in their special events, and advising them on public relations and marketing techniques. (p. 70).

Fig. 4.17 Environmental Awareness Programs, Outdoor Recreation Division



4.2.12 Retired and Senior Citizens Programs.

The decentralization of Senior Citizens Programs, completed in 1980, brought about a large increase in the number of programs offered. Area programs included crafts, fitness, cross-country skiing, square dancing etc. (Fig. 4.18).

The Retired/Senior Citizens Division continued to program and service city-wide special events, leadership development, and travel and transportation, and acted as liaison with city-wide organizations and government levels.

Utilization of the "Seniors in Motion" bus increased with the formation of a third Seniors Outdoor Club. Leadership Development activities include workshops in senior citizen fitness, music, travel and tours escorting. The Travel and Transportation Program experienced an increase in the number of seniors using transportation services and a large increase in the number of tours.



Fig. 4.18 Retired and Senior Citizens' Programs and Services: 1981

Programs	January-December (Centralized Programs)	January-April (Area Programs)	May-December Area Programs)	Totals
Fitness	—	37 Programs 502 Participants	55 Programs 676 Participants	92 Programs 1,178 Participants
Crafts	—	56 Programs 628 Participants	80 Programs 913 Participants	136 Programs 1,541 Participants
Other Programs	—	44 Programs 752 Participants	78 Programs 1,059 Participants	122 Programs 1,811 Participants
Travel & Transportation	469 Outings 12,159 Participants	6 Outings 208 Participants	16 Outings 719 Participants	491 Outings 13,086 Participants
Seniors' OI-Iympyx	608 - Winter 260 - Summer	—	—	868 Participants
Special Events:	4 Programs	—		4 Programs
• Seniors' Day in the Park	527 Participants		200 Participants	727 Participants
• Seniors' Fishing Derby				
• Mall Days				

4.3 Central Parks Operations. Central Parks Operations carries out a number of programs which do not lend themselves to decentralization. General management and services provided are:

- Weed Control
- Mosquito Abatement
- Parks Central Operations Management, Vehicle & Equipment Co-ordination, Material Dispatch, Special Projects.
- Devonian Gardens
- Zoo Conservatory
- Horticultural Extension Services
- Playground Equipment
- Nurseries and Greenhouses

4.3.1 Equipment Maintenance:

- Parks Playground Equipment Repair Shop - This shop is located in the City of Calgary Complex in Mayland Heights. Responsibilities include:
 - manufacturing, purchasing, distribution and repair of playground equipment and parks amenities;
 - special services such as snow removal, furniture moving, etc.

Expenditures are recovered through allocation of job costs to appropriate operating and capital budget programs.

- Vehicle and Equipment Co-ordination and Material Dispatch - Located in the Mayland Heights complex, this section co-ordinates Parks Department requests for hired temporary vehicles (trucks, earthmovers, etc.), driver or equipment testing and trailer licensing, and maintains radio contact between Parks Areas. A fleet of specialized vehicles and equipment is maintained for dispatch to Parks Areas as requested.

In addition to the vehicles, this section controls the dispersement of loam to Parks Areas.

4.3.2 Environment Control:

- Weed Control - The main objective of this program is to prevent the spread of noxious and nuisance weeds, eradicate restricted weeds and control long grass or plants which present a potential fire hazard or an unsightly appearance on both private and City-owned land.

A greater number of weed notices were issued in 1981 due to the proclamation and passage of the Provincial Weed Act and Regulations permitting a full complement of weed inspectors to be on the job early in April.

Approximately 2,000 early weed notices were issued to City Departments. A computer printer was also installed in the Weed Control Office.

Greater City expansion through annexation and newly discovered restricted weeds, Nodding Thistle and Knap-weed, have necessitated more office staff and field inspectors in order to carry out the added requirements of the Weed Control Act.

- Mosquito Abatement - This program is permitted and regulated by Alberta Environment permit and City of Calgary By-Law. A Provincial funding grant calculated by a formula based on the expenditures for chemicals and operating costs is provided to the City each year upon submission of detailed reports and expense statements.

For 1981 the Provincial grant provided 54% of costs with the per capita share being \$0.15 for the City and \$0.18 for the Province. Application of approved chemicals to mosquito-bearing standing water was done on 7,381 hectares (18,225 acres) of water by helicopter, 129 hectares (318 acres) of water and 547 kilometres (342 miles) of ditches by ground crews.

In 1981 the comprehensive remapping of all standing water locations was continued in the 4.8 kilometre (3 mile) buffer zone outside the city limits to obtain a better record of mosquito breeding sites.

- Horticultural Extension Services - The Horticultural Extension Services telephone line is operated to assist the public and business sector with their gardening problems.

Office consultations on delivered public problems are arranged by the horticulturist, when desirable, to diagnose insects or diseased plant material and to recommend control methods.

The horticulturist also provides Federal and Provincial publications when requested and answers correspondence relating to horticultural problems. Periodic newspaper articles on various gardening subjects are prepared by the horticulturist, and an information booth is also operated at agricultural trade shows.

4.3.3 Indoor Gardens and Greenhouses:

- The Greenhouse - Officially opened by Alderman R. Hawkesworth on May 13, 1981, the new 1.2 million dollar greenhouse has 2,160 square metres (24,000 square feet) under glass and a service building containing 1,200 square metres (12,960 square feet).

The greenhouse, with a 1981 inventory of approximately 25,000 plants, propagates and produces tropical, flowering and annual plants for City indoor and outdoor parks, offices, official functions and displays.

- The Conservatory - Located at the Calgary Zoo, the Conservatory offers visitors an opportunity to view hundreds of exotic plant specimens in climate controlled conditions. In addition to continued maintenance and specimen additions to the Conservatory during 1981, five special displays were set up for the enjoyment of zoo visitors.
- Devonian Gardens - This unique downtown park in Toronto-Dominion Square provides an indoor decorative garden featuring 23,000 plants of 138 varieties in 10,500 square metres (114,000 square feet) of passive recreation area for the public. In 1981 approximately 825,000 visitors and citizens enjoyed this relaxing setting. The park also provides an opportunity for nearly 200 performances and displays from various cultural groups and individuals. Three special plant displays were featured in 1981 as well as continued maintenance and specimen additions.
- Terrace Gardens - Maintenance continued to gardens located in the Calgary Convention Centre on a weekly basis with plant replacement as necessary and displays of flowering plants in season.
- Office Interiorscape - The 4,000 plants in sixteen City Departments are maintained by this section, with replacement and new plantings as requested.



Flowers wait for spring in the new Civic Greenhouse.

Fig. 4.19 Greenhouse Revenues and Expenditures: 1981

● Revenues	1981
Sales of Goods	\$254,827
Provincial Interest Subsidy	\$ 45,000
Inventory	\$ 72,418
Total	\$372,245

● Expenditures	
Operating Expenditures - (direct)	\$201,678
Interest and Encumbrance	\$170,340
Total	\$372,018

4.3.4 Nursery and Tree Farms: The department operates one nursery and three tree farms in Calgary. We have the responsibility of providing trees and shrubs in the quantity and variety required at below market costs to various City operating and capital budget programs. Approximately 74,000 trees and 36,000 shrubs located at the Glenmore Nursery, Edworthy Park Tree Farm, Shepard Tree Farm and Queen's Park Tree Farm were cared for in 1981.

In 1981 construction continued at the new northeast nursery, located at 3003 - 16 Street N.E. on twelve hectares (thirty acres). Development in 1981 included: preliminary road grading, soil testing, cover crop seeding, irrigation installation, fencing and boulevard loaming and grading. Development did not proceed as quickly as projected due to financial constraints.

- Arbor Day was again supported by the Nursery in 1981. A total of 10,000 spruce seedlings were packaged and distributed to Grade III students in Calgary. A donation of one eight-foot Spruce and one twenty-five-foot Ascending Elm was made to Connaught School, host of the 1981 ceremony.

4.3.5 Special Project Services:

- McCall Lake Golf Course -The construction phase, including design, basic grading, irrigation, fencing installation, seeding and tree planting was completed by May 1, 1981. Responsibility for ongoing maintenance, final amenity services and completion of the maturation program was turned over to Parks/Recreation Area 2. The golf course was officially opened in September, 1981 by Mayor Ralph Klein.
- Major Tree Plantings - Support services were provided to Parks/Recreation Area 4 for tree planting along the Trans-Canada Highway and to Parks/Recreation Area 5 for plantings around the newly completed 14 Street and Glenmore Trail S.W. interchange. (pp. 71-72).

Fig. 4.20 Nursery Revenues and Expenditures: 1980 and 1981

	1980	1981
• Revenues:		
Sales of Goods	\$491,368	\$664,284
Interest Rebate	2,000	5,000
Total	\$493,368	\$669,284
Inventory (year end)	\$416,000	
• Expenditures:		
Operating Costs (direct)	\$294,867	\$486,601
Debit Servicing	6,000	19,000
Total	\$300,867	\$505,601
Surplus	\$192,501	\$163,683

4.4 Cemeteries. Operations is responsible for five cemeteries in Calgary. On the map (Fig. 4.22) they are: 1) Union Cemetery, opened in 1890; 2) Burnsland Cemetery, 1923; 3) St. Mary's Cemetery, 1935; 4) The Chinese Cemetery, 1938; and 5) Queen's Park Cemetery, 1940. The cemeteries total 95.52 hectares, of which 24.08 hectares are still available, sufficient to meet needs until the end of the century. (pp. 73-74).

Fig. 4.21 Cemeteries Revenues and Expenditures: 1980 and 1981

	1980	1981
• Service Operations:		
Burials Cost (including % of administration)	\$236,848	\$273,705
Revenues Received	\$272,719	\$304,768
• Maintenance Operations		
Maintenance Costs (including % of administration)	\$624,078	\$776,121
Perpetual Care Revenue	\$333,186	\$350,576
Total Deficit	\$255,021	\$394,482
	(70% recovery)	(62% recover)

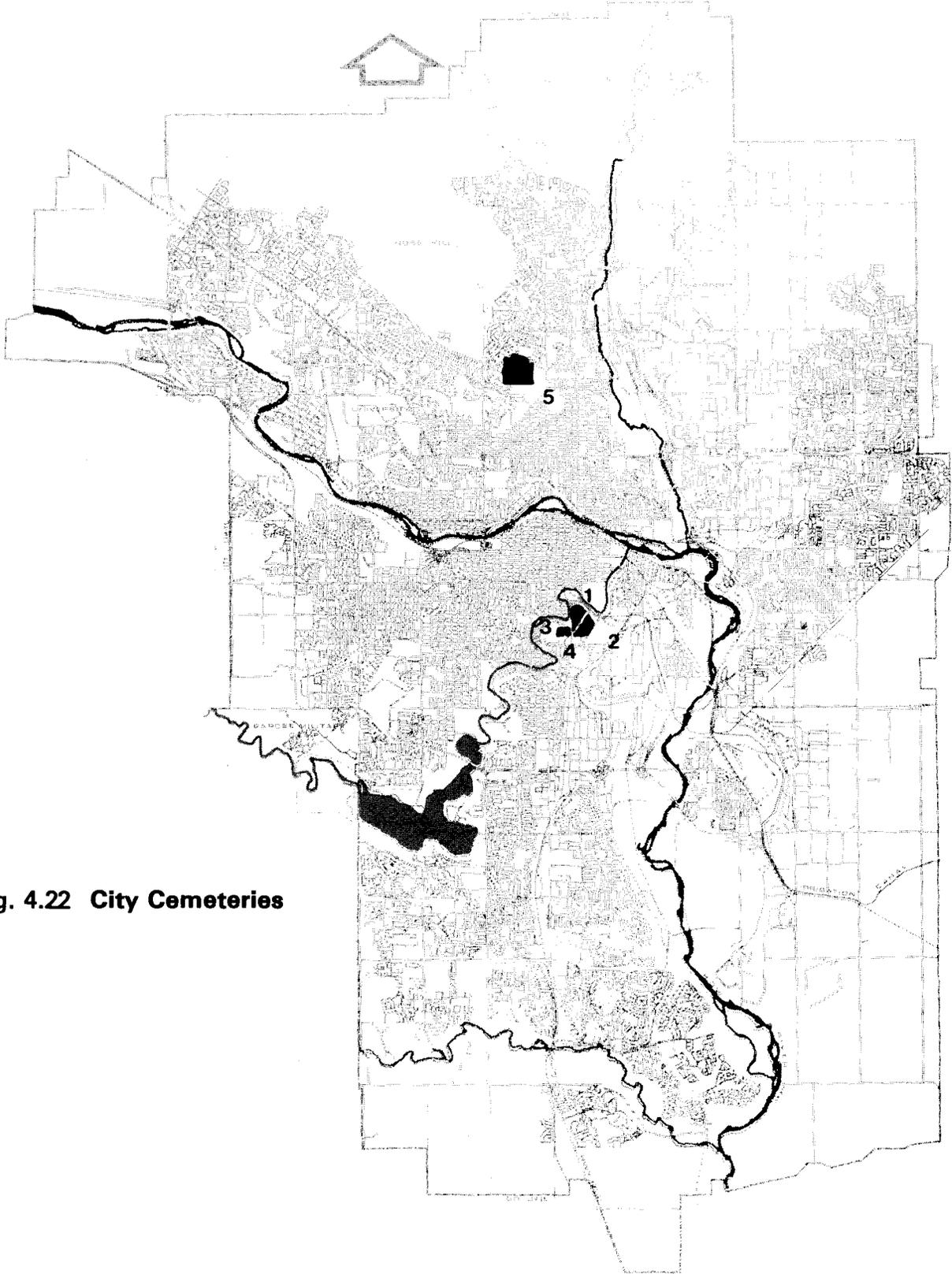


Fig. 4.22 City Cemeteries

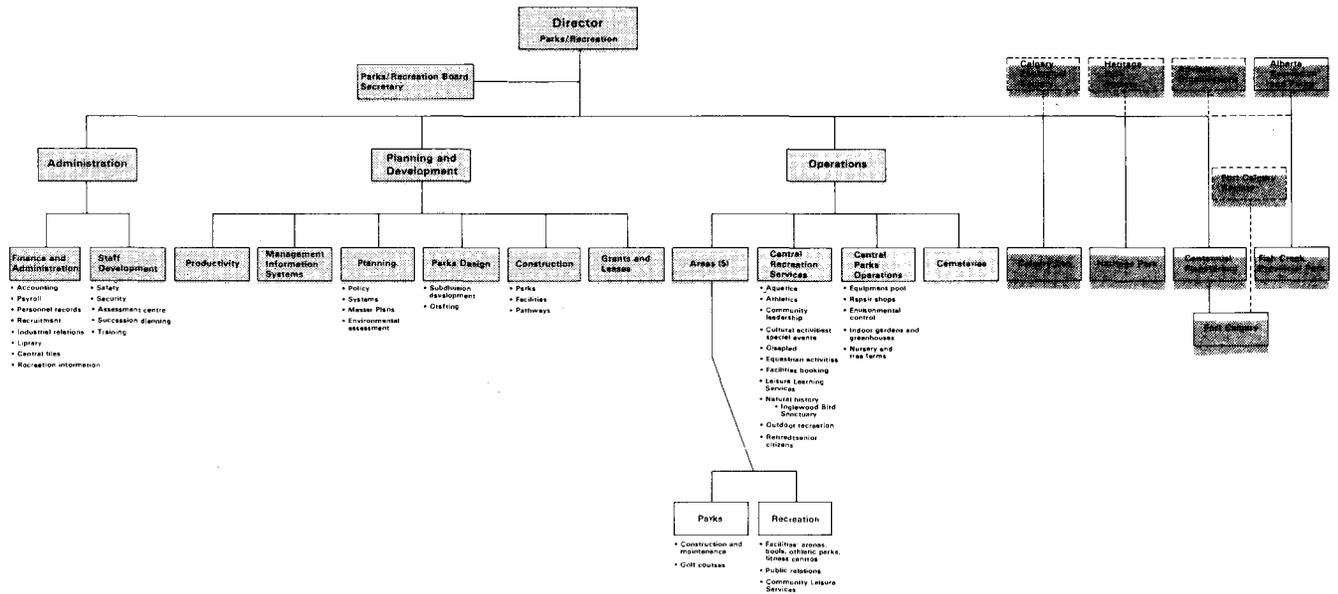


Fig. 5.1 Department Organization

Associated Operations

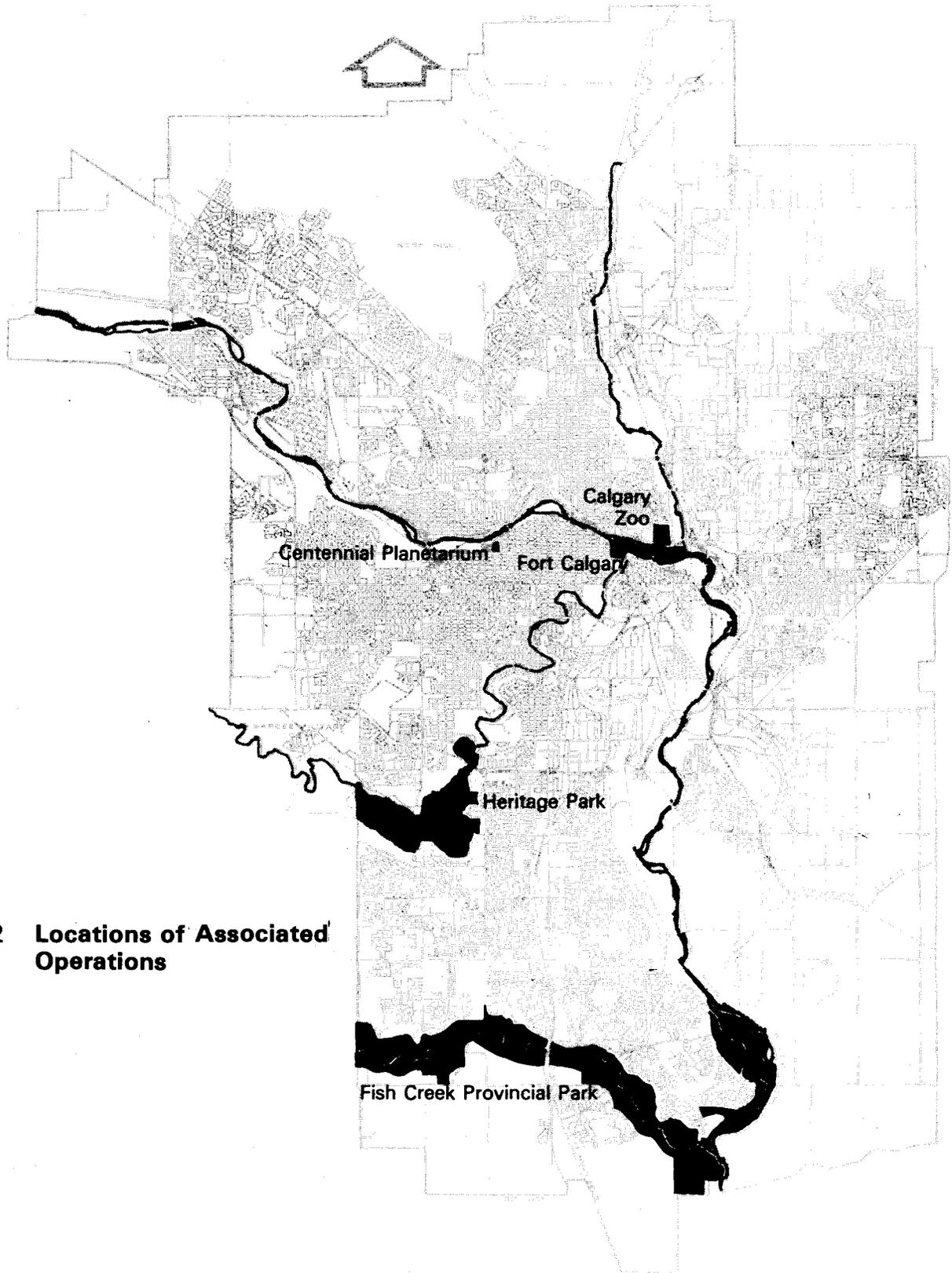
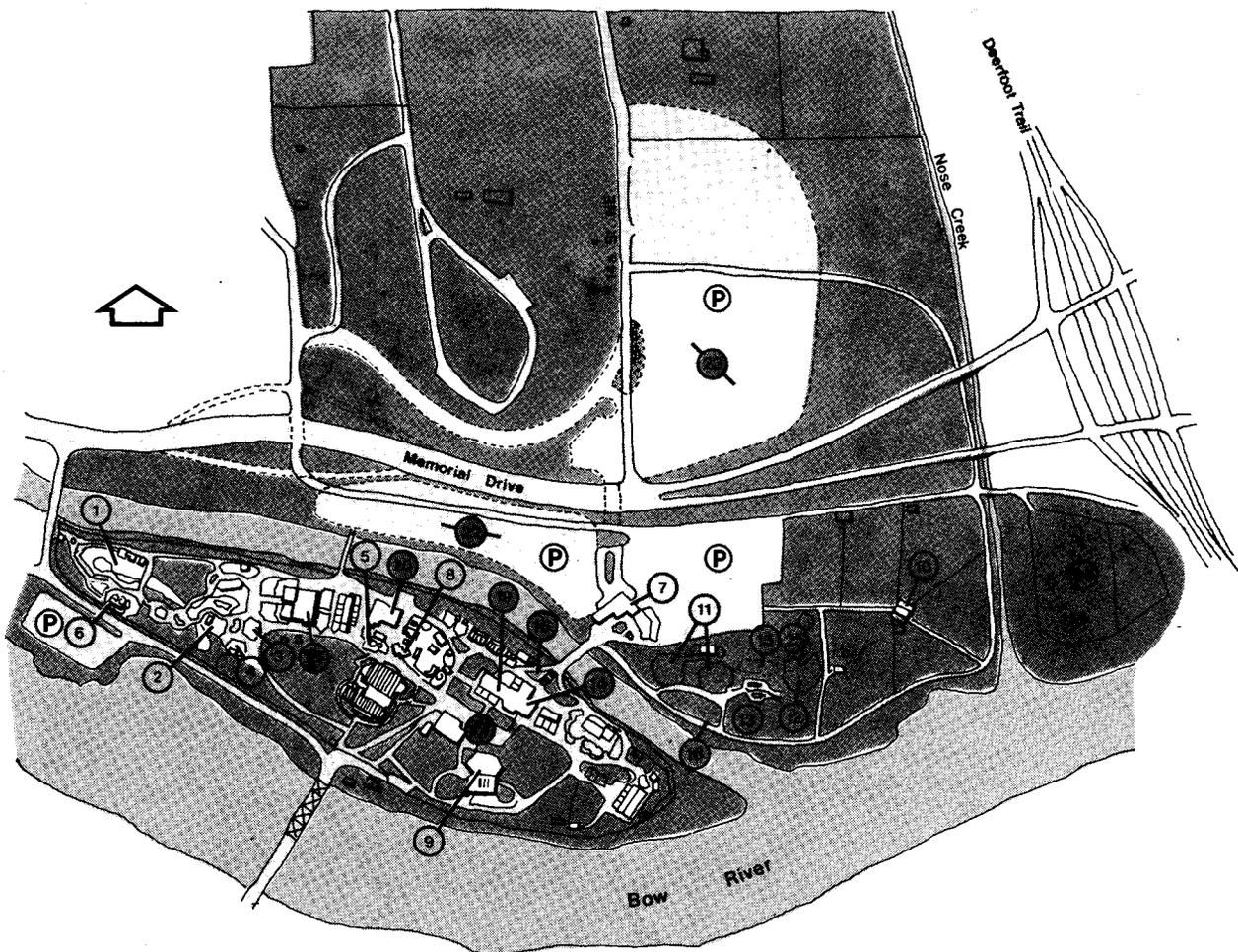


Fig. 5.2 Locations of Associated Operations



**Fig. 5.3 Calgary Zoo
Redevelopment Program 1976-1981**

1976-1980:

1. Siberian Tiger
2. Japanese Macaque
3. Snow Leopard
4. Black Leopard
5. Gibbon
6. Ibex
7. Entry building and plaza
8. Children's Contact Centre
9. Nocturnal World/Australian House
10. Musk-ox/Bison Barn
11. Grizzly Bear Exhibits
12. Wolf Exhibit
13. Moose Exhibit

Construction Completed 1981: ●

14. Temporary Primate Facility
15. Eagle Aviary - North American Exhibit
16. Landscaping, roadways-North American Exhibit

Construction Commenced 1981: ◐

17. Snack Bar Addition
18. Hospital Renovations
19. Reptile House
20. Primate Facility
21. Elephant House Addition

Under Development 1981: ●

22. The Prehistoric Park
23. Zoo Parking and Access

Construction in Planning Stage:

24. Hospital/Quarantine
25. Birds of Prey - phase 2
26. North American Exhibits



5.1 The Calgary Zoo.

• **Capital Development Program:** The Calgary Zoo adopted a ten-year Master Plan in 1975 for redevelopment of the Zoo. The Plan was formed with the input of a renowned zoo consultant firm, the Zoological Board, the Parks/Recreation Department and Zoo staff. It calls for an organized scheme to exhibit the fauna and flora, native and exotic, with an emphasis on quality, to build a facility that is educational with a high visual appeal that lends itself to conservation and above all serves the recreational expectations and needs of Calgarians and visitors to our City.

The animal collection will show a cross section of the animal kingdom to represent more species such as fish and invertebrates. St. George's Island will have non-native species and house exhibits for exotic animals. The Island will be the prime winter visiting portion with the concentration of indoor exhibits. The land north of the Bow River south of Memorial Drive bordering the Nose Creek to the east will be the special exhibit area for North American animals. The Prehistoric Park has been relocated to the area immediately north of St. George's Island. A two-hectare (five-acre) land parcel was acquired east of Nose Creek at its confluence with the Bow River to house the Animal Hospital and Quarantine facility.

• **Construction During 1981:** Projects Completed: The temporary Primate facility was completed to house and display our primate collection while the new facility is developed. The Eagle Aviary in the North American area was opened to the public just before Christmas. Also in the North American area considerable landscaping and roadway developments were accomplished. During 1981 the old Tropical Building was demolished and automatic security gates for the north and south entry areas were installed.

Projects Under Construction: The permanent Primate Facility was started and consists for the most part of an extensive renovation of the old Ape and Nocturnal Houses. The Reptile House is nearing completion and should open in the spring of 1982. The Elephant House addition is also nearing completion and should open in the summer of 1982. The main Snack Bar has undergone an extensive renovation and will be fully functional beginning at Easter 1982. Minor renovations were undertaken at the Hospital to better meet the higher caseloads. The Zoo Parking and Access road construction has fallen far behind its original scheduling and will now require redesigning in order that Memorial Drive widening can be incorporated. The Prehistoric Park continued to have major sculpting done and is expected to be completed in 1983.

• **The Education Department:** This department is staffed with an Education Coordinator, an Interpretive Officer, a Program Officer, three seasonal Interpreters and approximately sixty volunteer Docents. An extensive number of zoo-oriented programs are offered, including tours and interpretive talks which in 1981 involved over 131,500 zoo patrons.

• **The Animal Collection:** The 1981 inventory included the following:

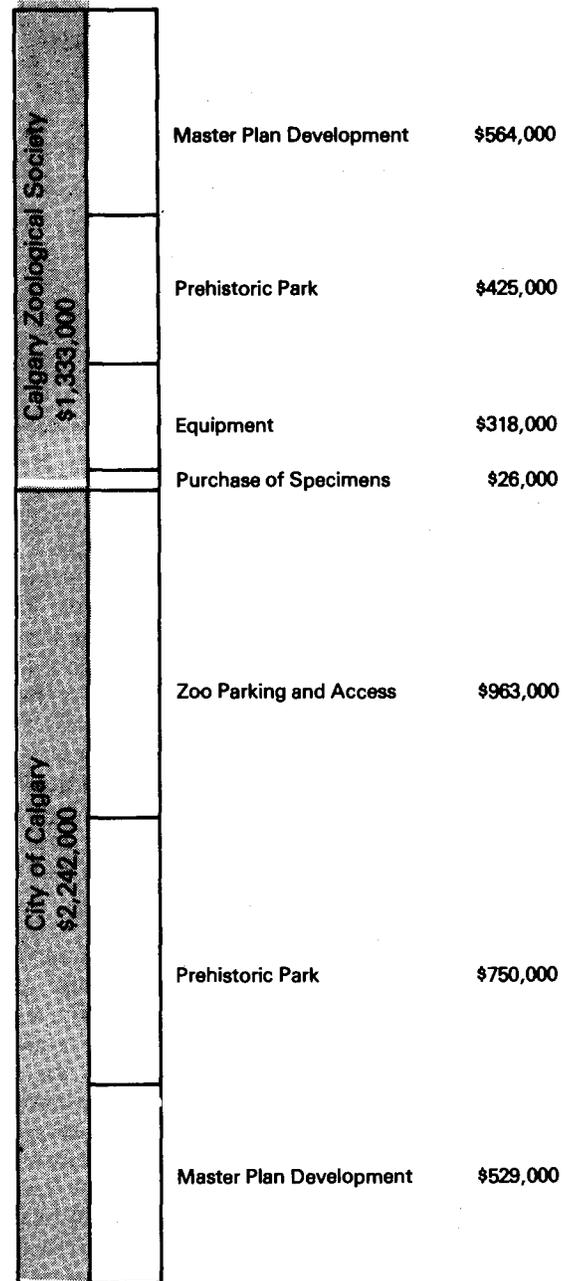
Mammals	96 species	442 specimens
Birds	155 species	629 specimens
Reptiles	29 species	73 specimens
Amphibians	4 species	11 specimens
Fish	2 species	178 specimens
Total	286 species	333 specimens

— **Births and Hatchings:** The gross reproductive rate for our entire collection was 21.7%. Some of the more notable births and hatchings were one Pronghorn Antelope, two Addax, one Bighorn Sheep, three Muskox, one Rocky Mountain Goat, two Stone Sheep, one Wood Bison, two Bactrian Camel, four Mule Deer, seven Grey Wolves, one Bobcat, three Cougar, three Siberian Tigers, one Barren Ground Grizzly, three Binturong, two Indian Fruit Bat, four Red Kangaroo, one Wallaby, one Grant's Zebra, one California Sealion, one Harbour Seal, two Marmosets, one Spider Monkey, one Douroucouli, one Japanese Macaque, one Lemur, two Beaver, ninety-two waterfowl, five Sparrow Hawks, three Great Horned Owls, three Snowy Owls, sixteen Corn Snakes, and four Garter Snakes.

— **Animal Rescue Program:** The Calgary Zoo again operated the rescue program for injured and orphaned animals. A total of 734 animals were brought to the Zoo for attention and care. Many of the above specimens were released back to the wild, while others found a new home at the Zoo.

• **Attendance and Memberships:** A total of 726,906 visitors passed through the Zoo gates, up slightly from the previous year. A total of 7,188 memberships were sold. (p. 75).

Fig. 5.4
Calgary Zoo
1981 Capital Expenditures (\$3,575,000)



1981 Operating Expenditures (\$4,017,000)

Calgary Zoological Society \$1,553,000	Concessions	\$833,000
	Administration/General	\$225,000
	Education/Advertising	\$222,000
	Admissions/Memberships	\$115,000
	Maintenance and Repair	\$45,000
City of Calgary \$2,464,000	Care of Animals	\$1,093,000
	Building Maintenance & Utilities	\$520,000
	Grounds Maintenance	\$286,000
	Conservatory/Aviary	\$264,000
	Administration	\$195,000
	Security	\$118,000
	Veterinary Services	\$101,000



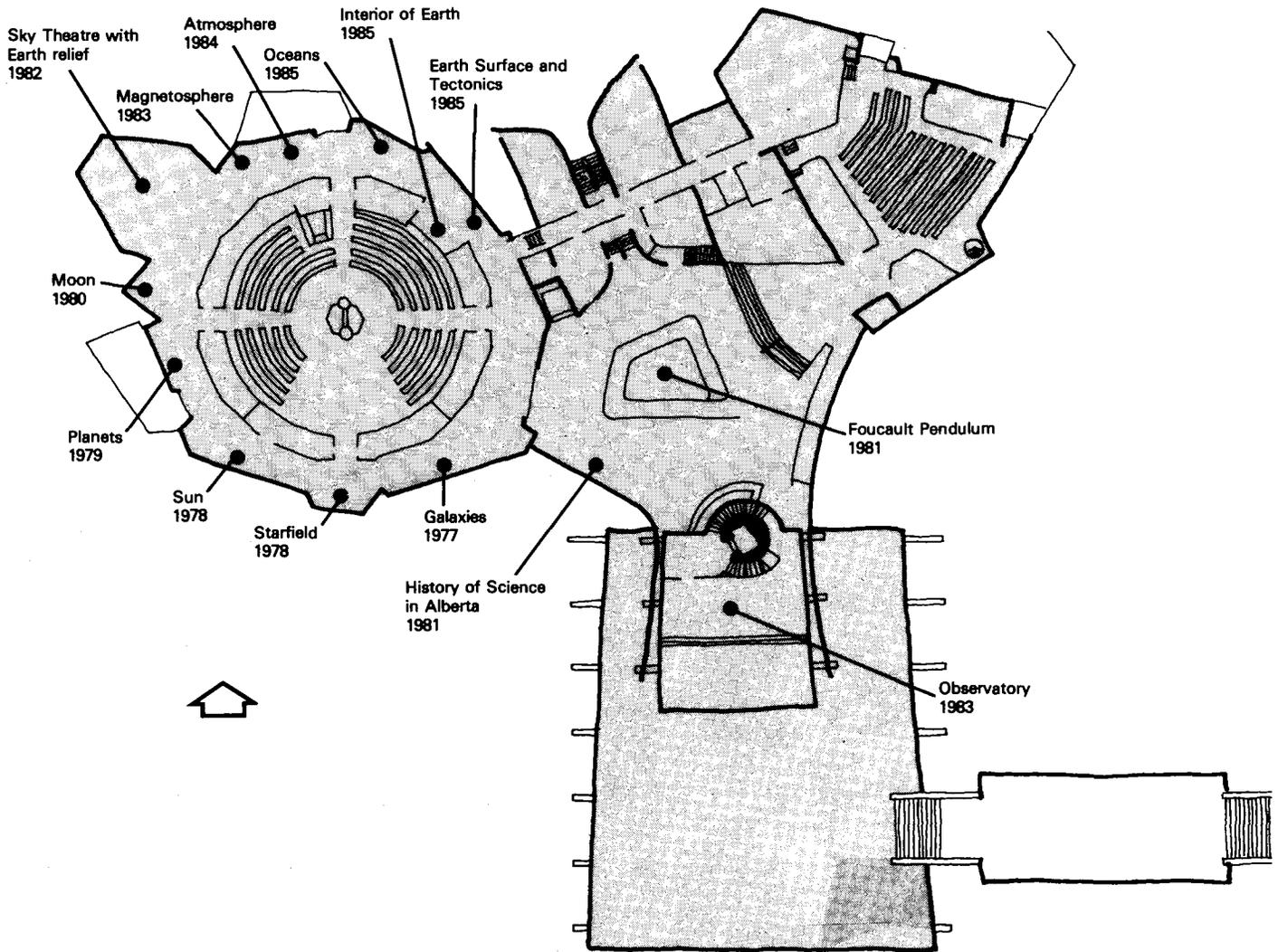
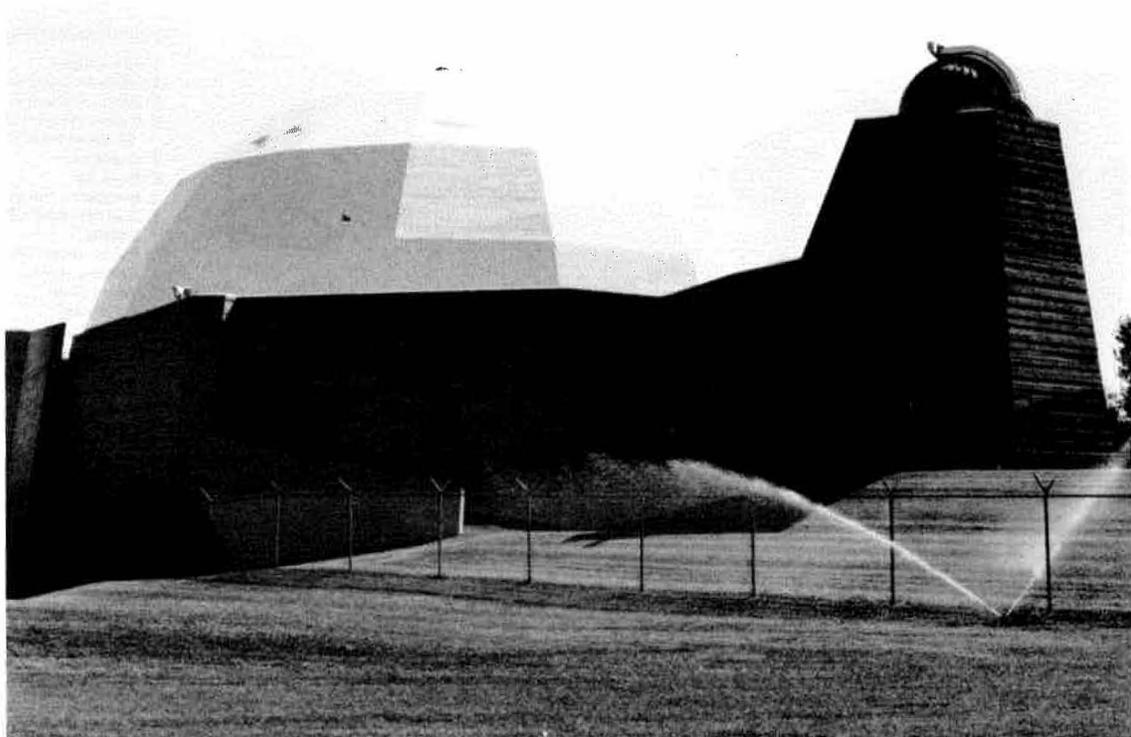


Fig. 5.5 The Calgary Centennial Planetarium (Main Floor Plan)



5.2 Centennial Planetarium/Fort Calgary Division.

The Centennial Planetarium/Fort Calgary Division of the Parks/Recreation Department consists of the following sections:

- **Centennial Planetarium Complex:**
 - Administration Section: responsible for planning, staffing and administering the division's programs
 - Maintenance Section: responsible for building and equipment maintenance
 - Star Chamber Section: responsible for development and presentation of astronomical and audio visual shows
 - Pleiades Theatre Section: responsible for assisting the development and presentation of performing arts within the City
 - Aero Space Science Section: responsible for the development of science displays within the planetarium complex, and for the temporary preservation of the aircraft collections until further disposal.
- **Fort Calgary Interpretive Centre:**
 - responsible for the development and presentation of audio visual materials concerning the natural, civic and industrial history of the City of Calgary.

5.2.1 The Centennial Planetarium. The Centennial Planetarium Complex was opened to the public on July 1, 1967 as the Centennial Project of the City of Calgary and the surrounding Municipal Districts. Since then, more than 1.5 million visitors have attended a variety of functions in the building. The 1981 attendance was 110,405, an increase of 1% over the 1980 annual attendance but 8% short of the 1981 objective. The closing of the Star Chamber in January for major repairs represented a loss of 4,000 potential visitors, based on long term averages; the normalized attendance for 1981, therefore, would be approximately 114,000, which is right on the long term average for total attendance.

July was the best attended month with 14,932 visitors; January had the monthly low with 2,667. The Star Chamber accounted for 61% of the total number of visitors, the Pleiades Theatre 29% and the Aero Space Centre 10%. (pp.75-78).

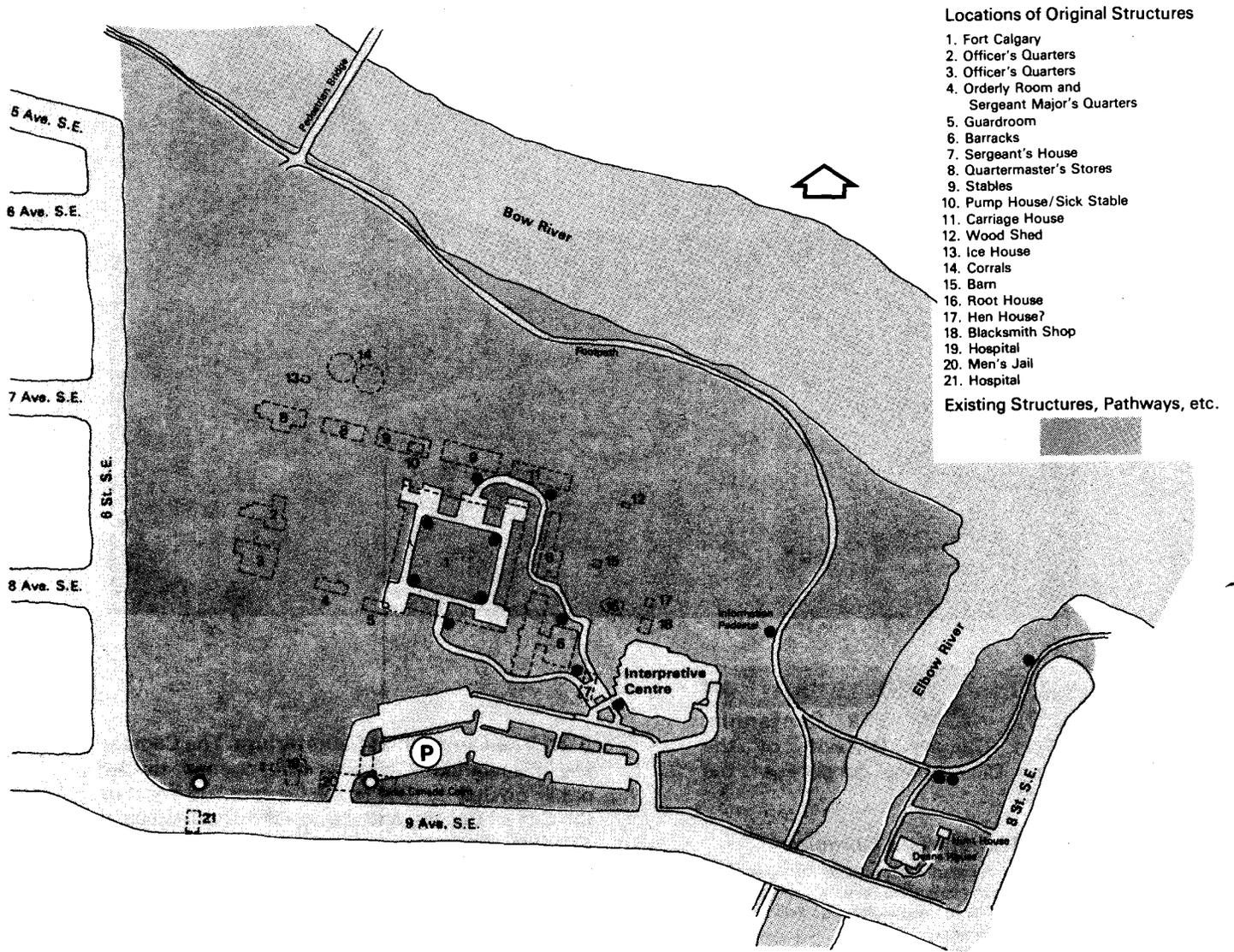
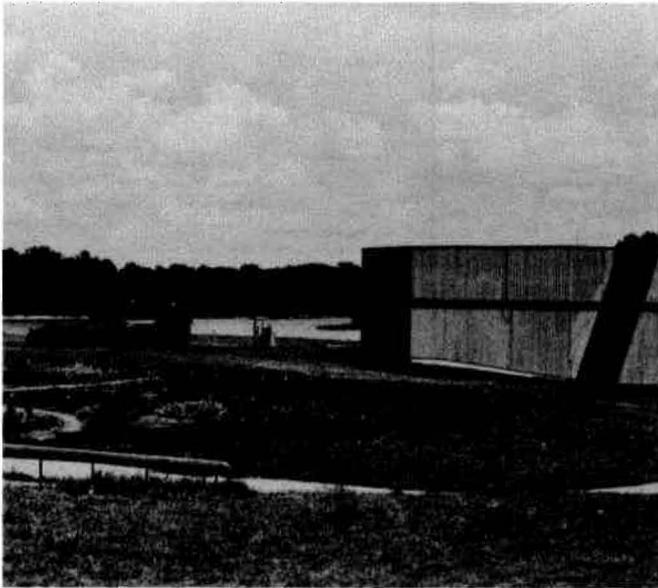
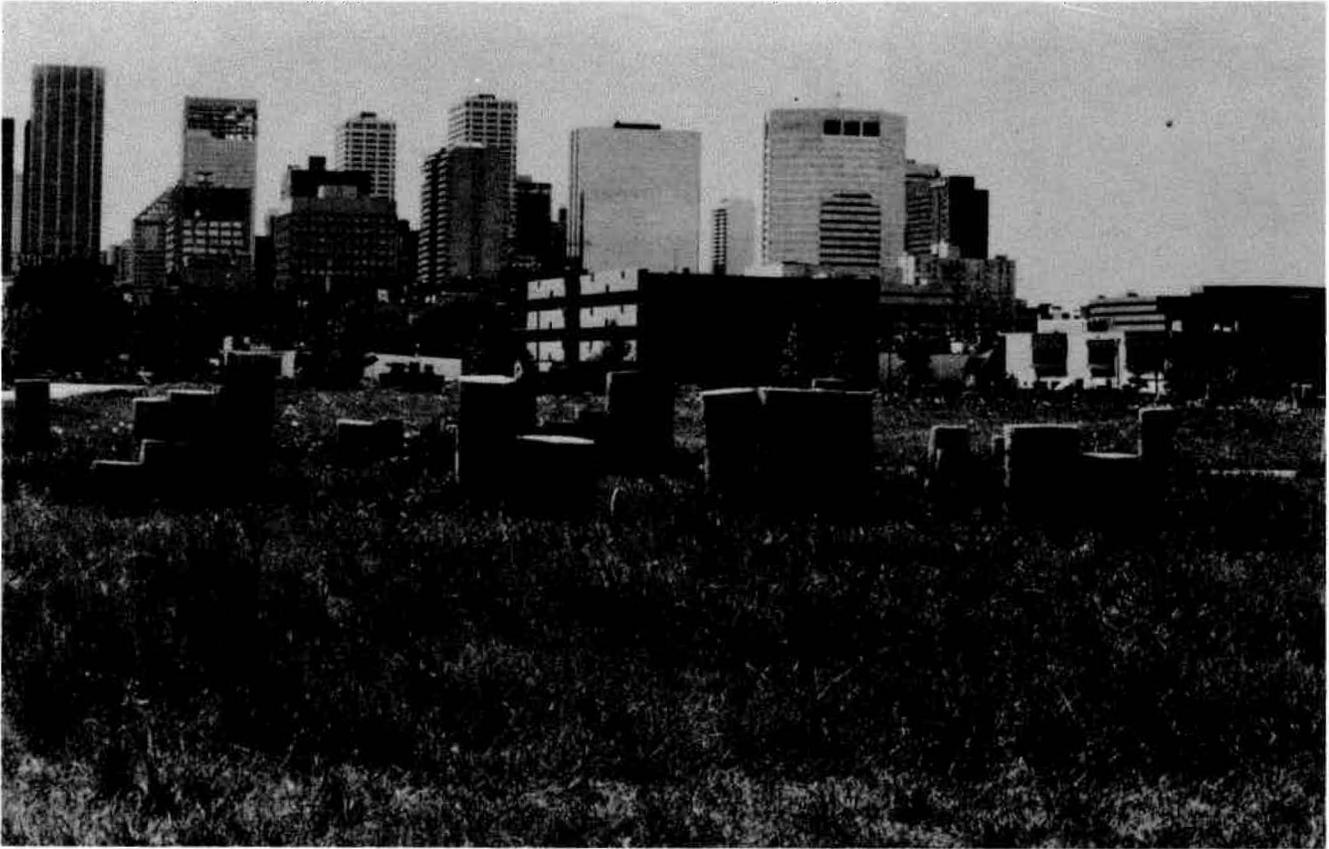


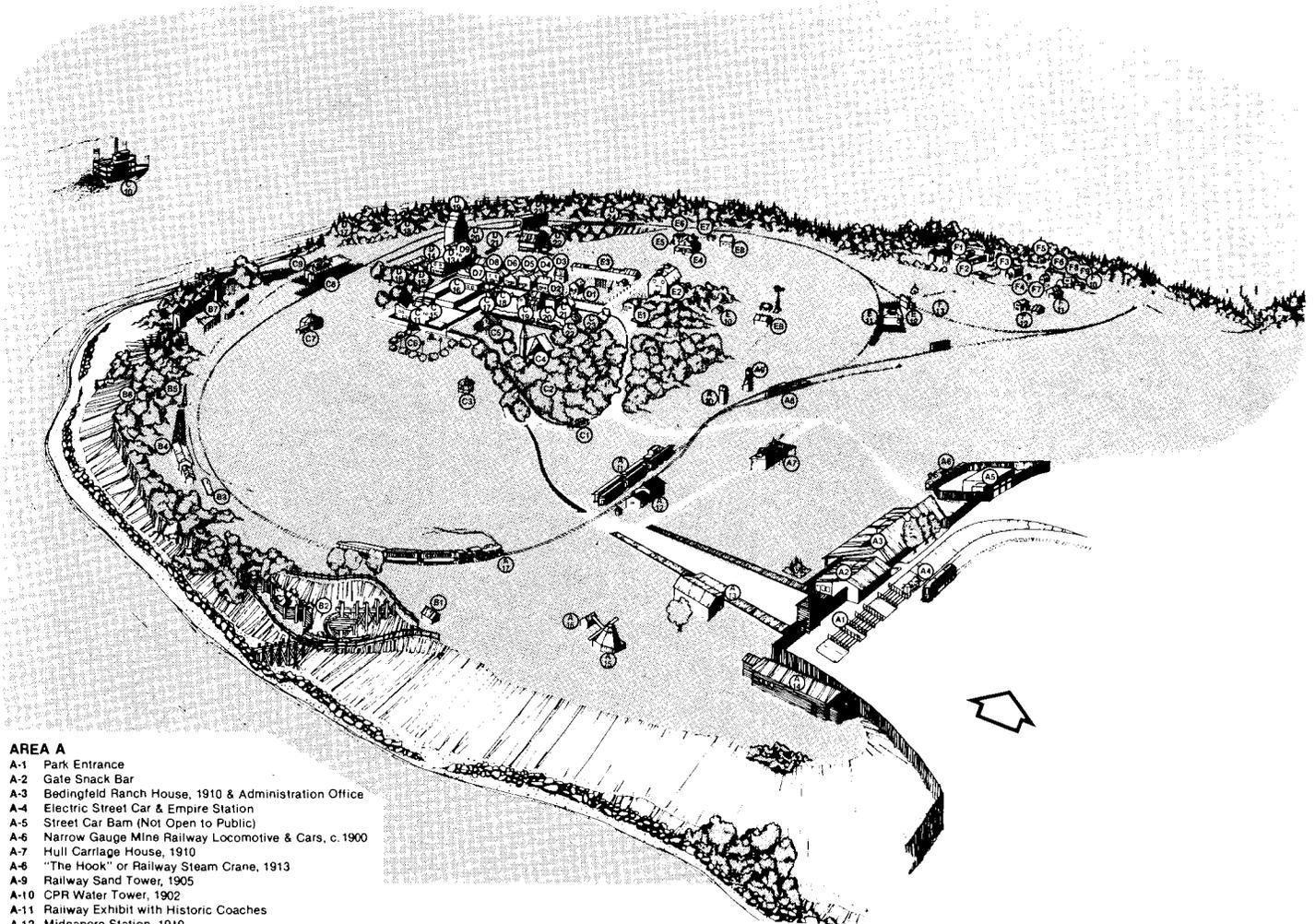
Fig. 5.6 Fort Calgary (Site Plan)



5.2.2 Fort Calgary. The Fort Calgary Interpretive Centre was opened to the public in May, 1978. No admissions have been levied; however, attendance data based on electronic counts and spot checks indicates that 323,471 visitors have attended the various functions presented at the Centre. The 1981 attendance was 127,669. Programs are conducted by a cadre of trained volunteers, and activities of the Centre have been extended to programming for the Fort Calgary site and the sponsoring of historic playlets of significance to life in Alberta. (p. 76).

1981 Operating Budget: Centennial Planetarium and Fort Calgary.

	Appropriation	Actual	% of Appropriation
Revenue	(\$ 353,000)	\$ 410,000	116%
Expenditure	1,400,000	1,329,000	95%
Net Cost	1,047,000	919,000	88%
Recovery	25%	31%	124%

**AREA A**

- A-1 Park Entrance
- A-2 Gate Snack Bar
- A-3 Bedingfeld Ranch House, 1910 & Administration Office
- A-4 Electric Street Car & Empire Station
- A-5 Street Car Barn (Not Open to Public)
- A-6 Narrow Gauge Mine Railway Locomotive & Cars, c.1900
- A-7 Hull Carriage House, 1910
- A-8 "The Hook" or Railway Steam Crane, 1913
- A-9 Railway Sand Tower, 1905
- A-10 CPR Water Tower, 1902
- A-11 Railway Exhibit with Historic Coaches
- A-12 Midnapore Station, 1910
- A-13 Curio Shop
- A-14 Canmore Opera House, 1896
- A-15 Bruderheim Windmill, 1910
- A-16 Miller's Cabin, Langdon Town Hall, 1886
- A-17 Steam Locomotive & Cars

AREA B

- B-1 Miner's Cabin, 1883
- B-2 Water Wheel & Tunnel
- B-3 Oil Tank Car, c. 1900
- B-4 Dingman Discovery Well, 1913
- B-5 Cable Tool Water Drilling Rig, 1900
- B-6 Trapper's Cabin 1910
- B-7 The Children's Pallisade & Playground

AREA C

- C-1 Horse Drawn Streetcar, 1882
- C-2 Picnic Area
- C-3 Didsbury Bandstand, 1904
- C-4 Prince House, 1894
- C-5 Sandstone House, 1891
- C-6 Eugene Coste Park
- C-7 Bowness Carousel, 1905
- C-8 Shepard Station, 1910 & Boat Ticket Office
- C-9 The Boat Dock Entrance
- C-10 The S.S. Moyie
- C-11 Vulcan Ice Cream Parlor, 1910
- C-12 Claresholm General Store, 1904
- C-13 Black's Jewellery Store, 1904
- C-14 Botsford Harness Shop, 1906
- C-15 Gledhill's Drug Store, 1908
- C-16 Wainwright Hotel, 1906
- C-17 Post Office & Telephone Exchange, 1908
- C-18 Two Storey Outhouse, 1906
- C-19 Thorpe House, 1886
- C-20 Aldrie House, 1906
- C-21 Rectory, 1899
- C-22 St. Martin's Anglican Church, 1896
- C-23 The Graveyard, 1890

AREA D

- D-1 Weedon School & Barn, 1910
- D-2 Webster House, 1911
- D-3 Toole Barn, 1903 (Not Open to Public)
- D-4 Strathmore & Bow Valley Standard Print Shop, 1909
- D-5 Baron's Pool Hall, 1910
- D-6 Alberta Bakery, 1897
- D-7 Flett's Blacksmith Shop, 1904
- D-8 Nanton Livery Stable, 1910
- D-9 Cochrane Fire Hall, 1909 & Fire Engine, 1912
- D-10 Wing Chong Laundry, c. 1900
- D-11 Dentist's Office, 1914
- D-12 High River Law Office, 1909
- D-13 Trader's Bank of Munson, 1904
- D-14 Masonic Lodge, 1884
- D-15 Strathmore Insurance Agent's Office, 1908
- D-16 Atlas Lumber Yard & Office
- D-17 Railway Round House (Not Open to Public)
- D-18 Railway Turntable
- D-19 Shonts Grain Elevator, 1909
- D-20 Mannix Road Machinery, 1904
- D-21 Ten Horse Grain Wagon Train, c. 1910
- D-22 Gunn Barn, c. 1908
- D-23 Train Shed (Not Open to Public)
- D-24 Trestle Bridge (Not Open to Public)

AREA E

- E-1 Royal North West Mounted Police Barrack, 1890
- E-2 Burns Barn, c. 1908 & Devonian Carriage Collection
- E-3 The Machine Shed
- E-4 Burnside Ranch House, 1904
- E-5 The Root House
- E-6 The Sod Shack
- E-7 The Chicken Coop
- E-8 Copithorne Barn, 1904 (Not Open to Public)
- E-9 Early Colonist House Complex
- E-10 Copithorne Barn (Not Open to Public)
- E-11 Laggan Station, 1890
- E-12 Bowell Station, 1896

AREA F

- F-1 Hudson's Bay Fort 1821-35
- F-2 Walter Grant McKay Cabin, 1884
- F-3 Gleichen School, 1886
- F-4 Bachelor's Tent
- F-5 Banff Curling Club House, 1898 & Photo Shop
- F-6 North West Mounted Police Sawmill, 1875
- F-7 Berry Creek NWMP Post, 1905
- F-8 Homesteader's Tent
- F-9 Drew's Saloon, 1887
- F-10 McVittie Cabin, 1882. One of Calgary's First Houses.
- F-11 Millarville Ranchers' Hall, 1895
- F-12 Sam Livingston's Farm, 1883
- F-13 Indian Tipi Ring & Pole Tipi.

Fig. 5.7 Heritage Park

5.3 Heritage Park. Heritage Park's 18th year of operation was successful despite the rainy weather in May, June and July. Total attendance for 1981 was 359,844 as compared to 374,047 in 1980. Gross revenues from operations in 1981 amounted to \$2,356,332 as compared to \$1,981,871 in 1980, resulting in a 16% increase in revenue despite the 4% decrease in attendance.

Capital investment in the park increased by \$1,594,396 in 1981. This was made possible by the City of Calgary and private donors. Also in 1981, Heritage Park completed the construction of the Railway Roundhouse and Turntable which was made possible with funding from the Alberta 75 Anniversary Committee. At the end of 1981, capital investment in Heritage Park amounted to \$7,601,773.

During 1981, the City of Calgary contributed an amount of \$710,260 to the operating and building maintenance costs of the park. (p. 78).

Park development in 1981 included the following projects:

- Further restoration of Eatonia II
- Further restoration of Car 76
- Commenced restoration of Colonist Car
- Commenced restoration of Photo Car
- Completion of shelter over Narrow Gauge Railway Exhibit.
- Acquisition of railway turntable from Sicamous, B.C.
- Further construction on C.P.R. Roundhouse
- Acquisition of Belgian team - Bud and King
- Acquisition of podium and P.A. system for Wainwright Hotel
- Updating of the park model
- Construction of pasture fences
- Acquisition of additional mannequins
- Installation of water softener in railway water tower
- Acquisition of Locomotive 5934
- Acquisition of Arabesque tent and stage
- Relocation of Hudson's Bay Fort
- Installation of lights in Botsford Store.



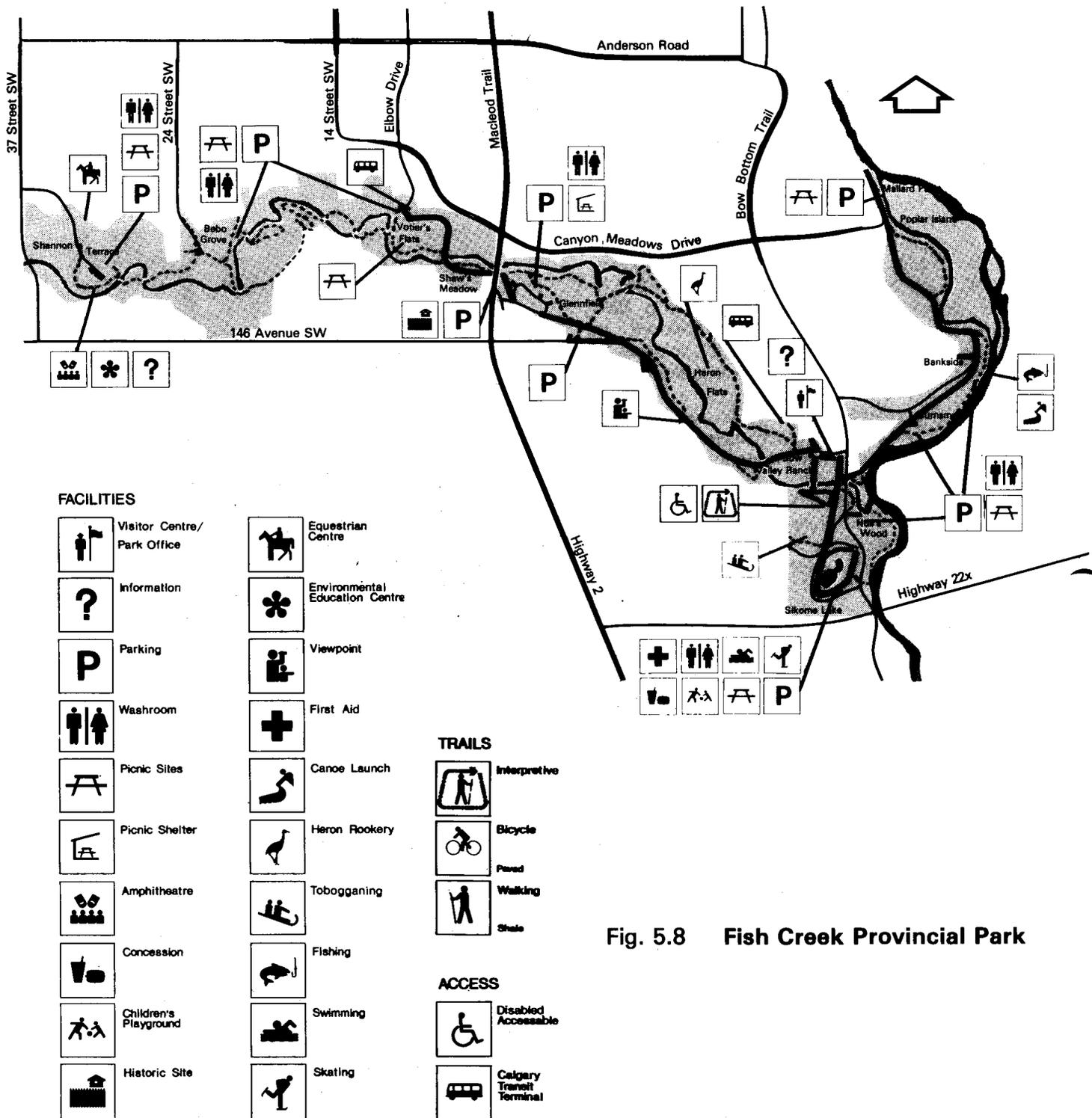


Fig. 5.8 Fish Creek Provincial Park



5.4 Fish Creek Provincial Park. Fish Creek Park, an urban Provincial Park (with City development involvement), occupies the entire Fish Creek Valley and a sizeable portion of the Bow River flood plain adjoining the confluence. From the Sarcee Reserve in the west, the projected 2900 acre park runs six miles east to meet the Bow River.

Major development in 1981 was the completion of an environmental education centre and an equestrian centre in the west end of the Park. Attendance at the park is estimated to have reached the 800,000 mark in 1981.

• **1981 Capital Development**

— maintenance building	\$480,000
— roads and parking areas	600,000
— landscaping	610,000
— equestrian centre	100,000
— miscellaneous (utilities, trails, fencing)	400,000
Total	\$2,190,000

• **1981 Park Operations**

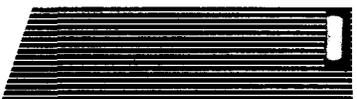
— staff	
— maintenance	
— utilities etc.	Total \$910,000.

• Projected for 1982 (1982 is the last scheduled year of construction at Fish Creek Provincial Park.)

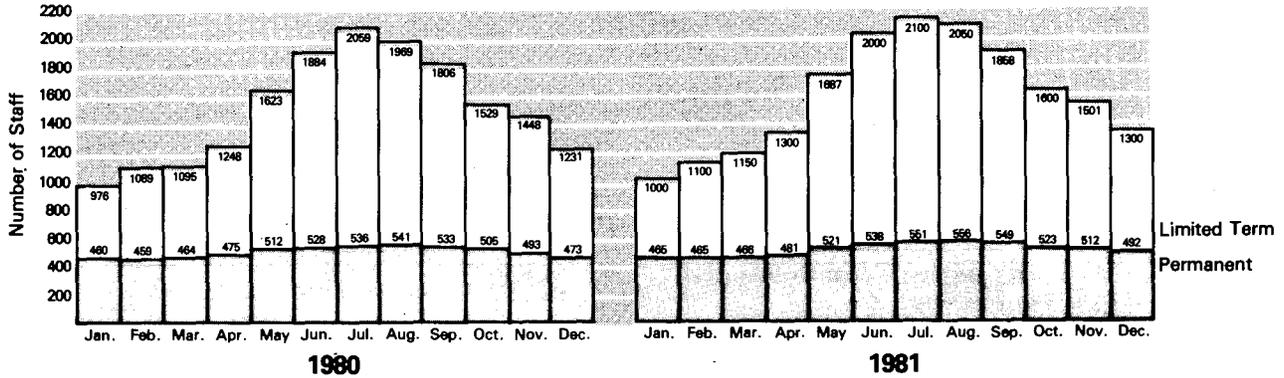
- visitor services facilities such as signage, amphitheatre, trails and viewpoints
- landscaping such as irrigation, fencing and picnic areas
- information/reception building adjacent to Macleod Trail
- architectural stabilization of Bow Valley Ranch House



Statistics and Reference



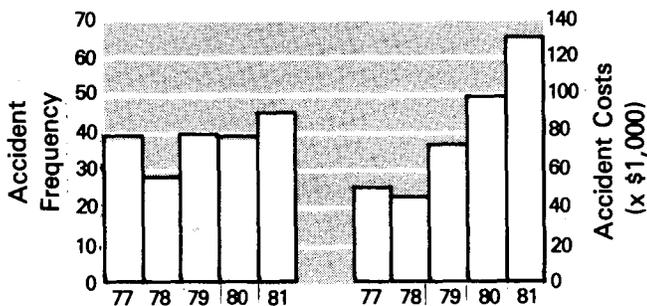
Parks/Recreation Department: Permanent/Limited Term Employees 1980 - 1981



Associated Operations Staff. In addition to staff employed by the City of Calgary, operation of the Zoo and Heritage Park includes staff employed directly by their respective societies:

- Zoological Society Staff: Permanent 50
Limited Term 25-100
- Heritage Park Society Staff: Permanent 55
Limited Term 10-250

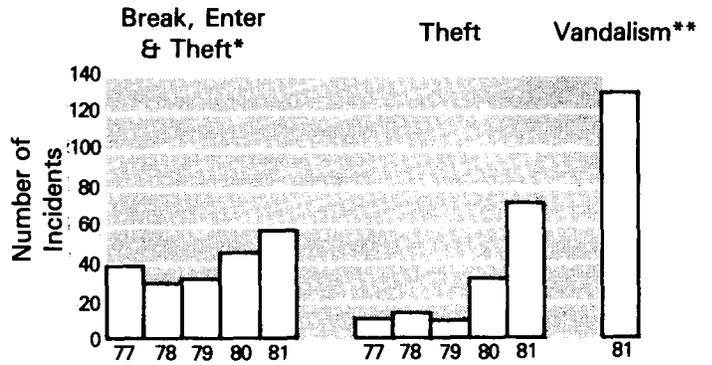
Staff Development: Accident Prevention



Frequency is the number of accidents per million man-hours worked which resulted in loss of time more than part of a shift.

Costs include medical aid, hospitalization, Workers' Compensation Board benefits and makeup wages paid while employees were off work.

Security



*Includes Attempted Break & Enter

**First year for statistics

Major Grant Programs which Directly Involve Parks/Recreation Department Staff

Program Name	Funding Service	Function	Funds Available
Major Cultural/Recreation Facility Development Program	Provincial Government (Alberta Recreation and Parks)	Capital construction or renovations totalling more than \$78,000.00	Matching funding to City of \$100.00 per capita on maximum population of 10 year period, 1975-1984
Project Co-operation: Community/Service Organizations	Provincial Government (Alberta Recreation and Parks)	Capital construction or renovations totalling up to \$78,000.00	Matching funding to a City maximum of \$9.50 per capita per year. Yearly program.
Project Co-operation: Community/School Incentive	Provincial Government (Alberta Recreation and Parks)	Construction and co-ordination of school facilities that are used by school and the public at large.	\$6.65 per capita per year.
Project Co-operation: Municipal Assistance	Provincial Government (Alberta Recreation and Parks)	Capital construction or renovation of City Recreation and Parks facilities	\$.50 per capita per year. Yearly program.
Project Co-operation: Basic Assistance	Provincial Government (Alberta Recreation and Parks)	Capital construction or renovation of City Recreation and Parks facilities	\$500.00 per year. Yearly program.
Operational Program Assistance	Provincial Government (Alberta Recreation and Parks)	Assisting in Municipality's operation of community recreation programs	\$3.00 per capita per year. Yearly program.
Further Education	Provincial Government (Alberta Advanced Education & Manpower)	Enrichment programs	\$6.00 to \$30.00 per instructional hour, depending on course.
Hosting Grant Athletic	City of Calgary (Parks/Recreation Department)	Provincial, Western Canadian, National and International Amateur Athletic and Sporting Events	Determined by type of championships
Special Hosting Grant	City of Calgary (Parks/Recreation Department)	High profile National and International Events	Up to 20% of total operating budget.
Travel Grant (Athletic)	City of Calgary (Parks/Recreation Department)	Local athletic teams attending amateur in-province championships	Up to 50% of transportation costs. Not to exceed \$510.00 year.
Lawn Bowling	City of Calgary (Parks/Recreation Department)	Facility maintenance	\$22.40 per member over 60 years.
Minor Sports	City of Calgary (Parks/Recreation Department)	Administration assistance for officially registered Minor Sports groups	\$.46 per registrant, minimum \$535.00, maximum \$5350.00 per member organization.
S.T.E.P. (Students Temporary Employment Program)	Provincial Government (Alberta Advanced Education & Manpower)	Hiring of High School Students on summer projects beyond the Municipality's budget.	Maximum \$29.48 per day per employee.
R.W.E.P. (Recreation Work Experience Program)	Provincial Government (Alberta Advanced Education and Manpower)	Temporary employment of Recreation students in their field.	Matching grant. Amount is determined yearly.
Summer Youth Employment Program	Federal Government (Manpower & Immigration)	Providing student summer employment	\$50,000.00 per project.
Canada Works	Federal Government (Manpower & Immigration)	Creation of short term fall/winter employment	\$180,000.00 per project.

Operational Program Assistance Grant

Introduced in 1968 and payable directly to the municipality. (Revised method for 1981)
Based on: \$3.00 per capita.

Year	Population	Grant Available & Received	Grant Received Per Person	Parks/Recreation Dept. Net Operating Budget 1977-1981	Net Dollars Spent Per Person
77	487,569	113,513.80	23.2¢	15,673,000.00	\$32.15
78	505,637	117,127.40	23.2¢	17,290,000.00	\$34.19
79	530,816	122,163.20	23.0¢	18,841,000.00	\$35.49
80	560,618	128,123.60	22.8¢	23,950,000.00	\$42.72
81	591,857	\$1,775,571.00	\$3.00	\$35,597,000.00	\$60.14

Major Cultural/Recreation Facility Development Program

Introduced in 1975 and based on \$10 per capita for a ten-year period.

Matching dollars required.

Not less than 30% of total grant funds to be paid to community organizations; maximum of 70% can be claimed by municipality; not less than 25% of total funds to be used for cultural projects.

Unused funds may be carried over from year to year.

Year	1978		1979		1980		1981	
Grant available for year	\$5,056,370		\$10,308,160		\$6,212,360		\$23,774,944	
Carry-over	\$ 620,549		\$ 4,448		\$ 39,108		\$ 80,464	
Total grant available	\$5,676,919		\$10,312,608		\$6,251,468		\$23,855,408	
Total of grant applications from community organizations	\$9,812,612		\$10,354,500		\$7,578,440		\$16,946,494	
	Applications Submitted to Province	Grants Received						
Municipal claims	\$ 3,900,000	\$ 166,000	\$1,796,240	\$1,786,500	\$ 888,916	\$ 888,916	\$ 6,991,327	\$ 5,991,327
Community organizations	\$ 6,454,500	\$5,689,243	\$3,876,231	\$3,636,849	\$2,685,432	\$ 698,047	\$16,794,742	\$ 9,231,714
Totals	\$10,354,500	\$5,855,243	\$5,672,471	\$5,423,349	\$3,574,348	\$1,586,963	\$23,786,069	\$15,223,041
Number of Community Applications	Received 23	Approved 21	Received 40	Approved 30	Received 23	Approved 18	Received 44	Approved 35

Project Co-operation

Introduced in 1973 and based on the following:

- Basic Assistance: \$500.00 per incorporated municipality
 - Municipal Assistance: \$0.50 per capita
 - Community/Service Organization: \$0.50 per capita; matching dollars required
- No increases have been made in the above grants since inception to allow for inflation.

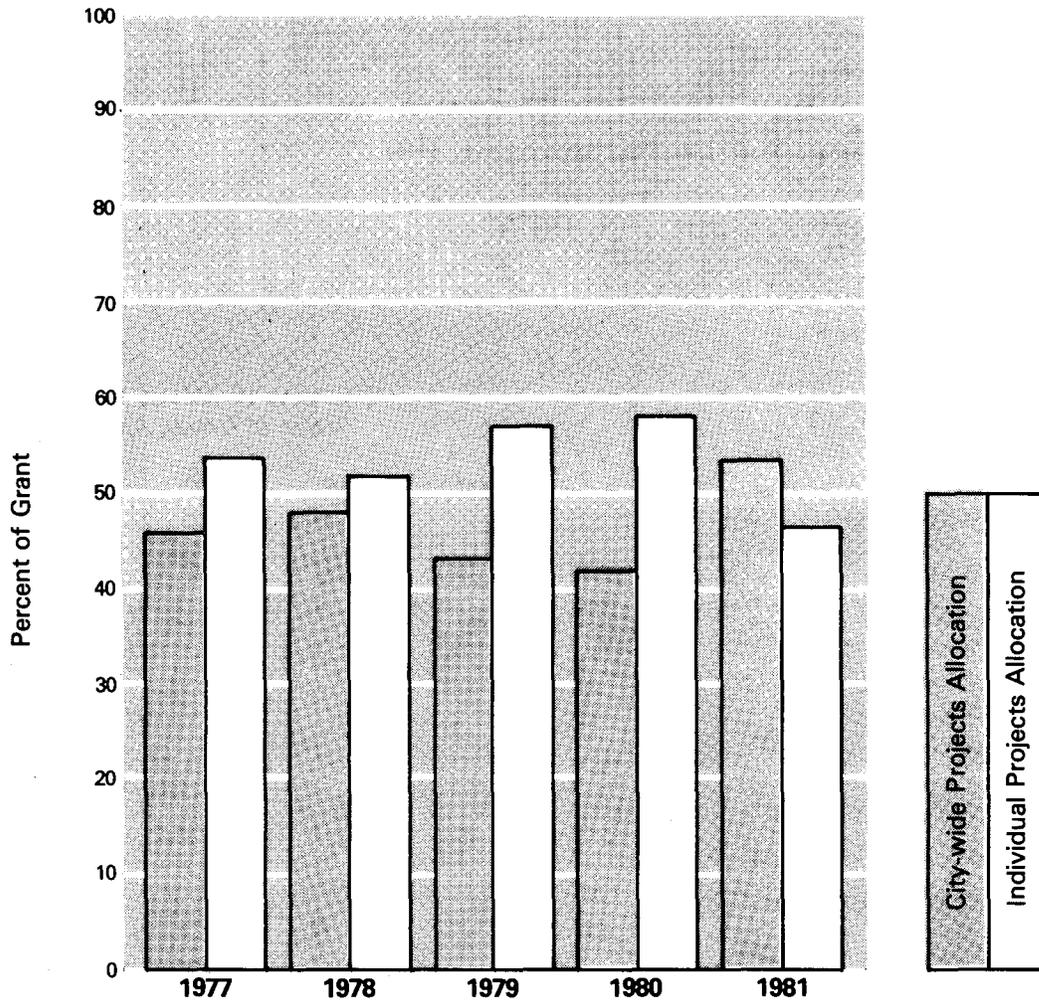
	Grant Program	Grant Available	Applications Received	Amount Requested	Applications Approved	Amount Approved
1976	Basic Assistance	\$ 500.00	1	\$ 500.00	1	\$ 500.00
	Municipal Assistance	235,021.50	12	291,023.00	10	235,021.50
	Community/Service Organization	235,021.50	37	396,020.66	32	235,021.50
	Total	\$470,543.00	50	\$687,543.65	43	\$470,543.00
1977	Basic Assistance	\$ 500.00	1	\$ 500.00	1	\$ 500.00
	Municipal Assistance	243,784.50	3	\$243,784.50	3	\$243,784.50
	Community/Service Organization	243,784.50	36	280,332.51	34	\$273,527.46
	Total	\$488,069.00	40	\$524,332.01	38	\$481,811.95
1978	Basic Assistance	\$ 500.00	1	\$ 500.00	1	\$ 500.00
	Municipal Assistance	\$ 252,818.50	5	252,818.50	5	\$252,818.50
	Community/Service Organization	252,818.50	39	520,687.92	22	241,979.23
	Total	\$506,137.00	45	\$774,006.42	28	\$495,297.73
1979	Basic Assistance	\$ 500.00	1	\$ 500.00	1	\$ 500.00
	Municipal Assistance	265,408.00	2	265,408.00	2	265,408.00
	Community/Service Organization	265,408.00	21	363,076.00	18	265,408.00
	Total	\$531,316.00	24	\$628,984.00	21	\$531,316.00
1980	Basic Assistance	\$ 500.00	1	\$ 500.00	1	\$ 500.00
	Municipal Assistance	280,309.00	3	\$273,370.00	3	\$273,370.00
	Community/Service Organization	280,309.00	21	280,389.00	18	280,309.00
	Total	\$561,118.00	25	\$554,259.00	22	\$554,179.00
1981	Basic Assistance	\$ 500.00	1	\$ 500.00	1	\$ 500.00
	Municipal Assistance	295,928.50	1	295,928.50	1	295,928.50
	Community/Service Organization	295,928.50	16	208,784.00	19*	295,928.50
	Total	\$592,357.00	18	\$505,212.50	21	\$592,357.00

* 3 Major Cultural/Recreation Facility applications moved into Project Co-operation.

Project Co-operation: Community School Incentive Grants

• \$0.66 per capita to make school facilities more available for community use.

1977	1978	1979	1980	1981	
41	50	35	37	37	Applications Received
38	36	30	30	22	Applications Approved
\$316,920	\$328,664	\$345,030	\$364,401	\$384,707	Grant Monies Available
\$316,916	\$328,664	\$345,030	\$364,401	\$384,707	Grant Monies Received



Further Education Grants

Policy introduced in 1976 subsidizing adult non-credit courses in the amount of:

- Non-Credit Further Education Courses = \$8/course/ instructional hour.
- Basic Literary, English or French Courses, Citizenship Courses = \$14/course/instructional hour.
- Special Non-Credit Further Education Courses = \$14/course/instructional hour.
- Special Non-Credit Further Education Courses = \$30/course/instruction hour.

Year	Grant Monies Received*
1976	\$49,499.34
1977	65,394.06
1978	53,022.90
1979	57,120.00 **
1980	55,120.00
1981	80,750.00

* Excludes Leisure/Learning Section

** Allocation frozen to previous year's amount + 5% for inflation; 10% of allocation contributed to joint Further Education Council Fund.
Department monies directed mainly to Senior Citizen and Handicapped programs.

City Outgoing Grants

Grant Applications Approved Value of Grants Approved

Program	1977	1978	1979	1980	1981
Travel: based on \$.085 per km or ½ return bus fare (max. \$510 per yr.) for in-province championships	34 \$3,115	45 \$ 7,918	60 \$12,266	40 \$11,297	51 \$11,845
Hosting: maximum of:	8	15	13	12	11
Provincial Championship: \$1,175	\$6,000	\$ 8,870	\$13,965	\$40,388	\$17,903
Western Canadian Championship: \$1,765					
National Championship: \$2,350					
International Championship: \$4,700					
Lawn Bowling: \$22.40 per member over 60 years	4 \$1,674	4 \$ 4,510	4 \$ 5,138	4 \$ 6,630	4 \$ 6,271
Minor Sports: \$0.46 per registered member of	9	15	16	17	18
Minor Sports Calgary; minimum of \$535 and maximum of \$5,350 per registered association in Minor Sports Calgary	\$7,267	\$12,813	\$13,813	\$16,636	\$18,660
Special Events Hosting: up to 20% of total operating budget				5 \$25,000	7 \$21,750

Parks Facilities

Feature	Area:	NW(1)	NE(2)	SW(3)	C/E(4)	S(5)	Total
Tennis Court		27	17	45	36	29	154
Ball Diamonds		49	38	119	67	60	333
Soccer/Football		27	13	14	31	37	122
Playgrounds		93	61	80	116	102	452
Natural Ice Rinks		64	41	46	44	68	263

Parkland (in hectares)

Area	1977	1978	1979	1980	1981 (estimated) No. of sites	Total hectares
NW(1)						
turf	308	331	352	368	484	1184
gross	365	390	408	456		
NE(2)						
turf	197	223	249	273	374	1420
gross	657	688	712	736		
SW(3)						
turf	356	437	437	561	359	856
gross	518	511	511	637		
C/E(4)						
turf	240	256	256	356	532	1027
gross	433	448	439	486		
S(5)						
turf	343	356	399	461	608	2474
gross	425	438	482	482		
Total						
turf	1444	1603	1691	2019	2357	6960
gross	2398	2475	2552	2797		

Landscaped Areas on Major Thoroughfares* (in hectares)

Area	1979		1980		1981	
	non-turf	turf	non-turf	turf	non-turf	turf
NW (1)	177	173	213	209	162	50
NE (2)	289	287	290	288	206	35
SW (3)	99	96	99	96	206	35
C/E (4)	70	75	70	112	89	53
S (5)	103	102	103	102	110	40
S (5)	103	102	103	102	110	40
Total	738	733	775	807	619	200

* Freeways, Expressways, Major Roads

The Major Thoroughfare Program expenditures in 1981 totalled \$1,735,000. Work on landscaped areas varies from weed control on rural ditches to a high level of grounds maintenance on some of the major roads where trees and shrubs are maintained.

1981 Golf Course Expenditures and Revenues

Course	Green Fees Revenue	Driving Range Revenue	Concessions Revenue	Total Revenues	Total Expenditures	% Recovery
Confederation	\$ 233,904	\$105,210	—	\$ 339,114	\$ 245,005	138.4%
McCall Lake	39,135	5,667	—	44,802	229,165	19.5%
Shaganappi	408,489	—	\$12,920	421,409	416,723	101.1%
Richmond Green	82,578	—	\$11,097	93,675	115,403	81.1%
Lakeview	101,291	—	14,616	115,907	116,061	99.8%
Maple Ridge	206,610	—	\$29,253	235,863	221,644	106.4%
Total	\$1,072,007	\$110,877	\$67,886	\$1,250,770	\$1,344,001	93.0%

Golf Course Data

Course	Hectares	Holes	Yardage	Par	Advance Bookings	Special Features
Shaganappi-main	61.2	18	5524	70	Yes	
valley		9	2360		No	
Confederation	42.1	9	3404	36	Yes	Driving Range
Maple Ridge	32.6	9	3510	36	Yes	
Lakeview	16.5	9	1831	30	No	Par 3
Richmond Green	7.9	9	1302	27	No	Par 3
McCall Lake-main	97.1	18	6354	72	Yes	Driving Range
Par 3		9	1025	27	No	Par 3

Golf Course Users (9 & 18 - hole rounds)

Course	Season Ticket			Senior Citizens	Total	Percentage of Business Rec'd
	Holder	Non-adults	Adults			
Shaganappi*	27,951	5,679	51,771	4,697	90,098	32%
Confederation	13,205	3,789	39,071	6,414	62,479	23%
Maple Ridge	12,505	5,621	40,170	5,189	63,485	23%
Lakeview		5,128	24,469	2,874	32,471	11%
Richmond Green		4,149	19,346	3,209	26,704	10%
McCall Lake**	818	27	2,291	146	3,282	1%
Total	54,479	24,393	177,118	22,529	278,519	100%
Percentage of Admissions	20%	9%	63%	8%	100%	

*includes 28,055 rounds of 18 holes

** opened September 19, 1981

Green Fees: 1981

	McCall Lake		Shaganappi		Confederation Maple Ridge	Lakeview McCall Lake Par 3 Richmond Green
	9 Holes	18 Holes	9 Holes	18 Holes	9 Holes	9 Holes
Adults						
- weekdays	\$5.50	\$10.00	\$4.00	7.25	\$4.00	\$3.00
- weekends & holidays	\$6.50	\$12.00	\$5.00	\$9.50	\$5.00	\$3.00
Non-adults, seniors, disabled*						
- weekdays	\$2.75	\$5.00	\$2.00	\$3.75	\$2.00	\$1.50
- weekends & holidays	\$3.25	\$6.00	\$2.50**	\$4.75	\$2.50	\$1.50

*Not valid after 4:00 p.m. weekdays or before 4:00 p.m. weekends & holidays.

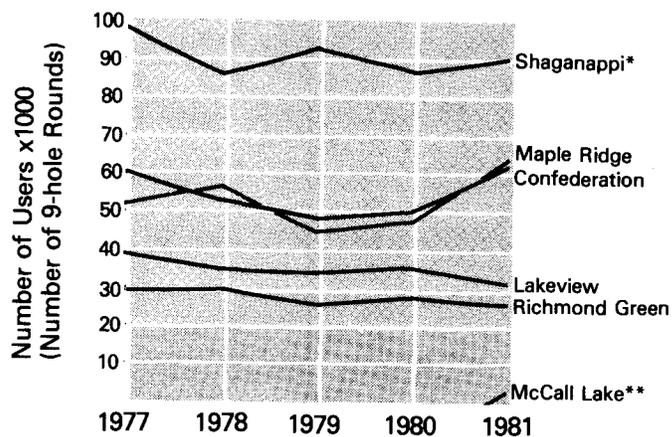
**Valley Nine only.

Season Tickets: 1981 (Shaganappi, Confederation & Maple Ridge*)

	Family: Husband, Wife & Dependents 17 and Under	Husband and Wife	Adult	Senior Citizen	Non-adult 17 and Under
Unrestricted	Not available	\$350.00	\$200.00	\$125.00	Not available
Restricted	\$435.00	\$235.00	\$135.00	\$ 85.00	\$ 85.00

*Season tickets for these courses may be used at McCall Lake with payment of green fee differential.

Golf Program Growth



*includes 28,055 rounds of 18 holes.

**opened September 19, 1981.

1981 Expenditures and Revenues: Arenas

Arenas	Revenues	Expenditures		Net Expenditures	Recovery
		Operating	Maintenance		
Shouldice	(\$ 38,000)	\$115,000	\$24,000	\$101,000	27%
Foothills/N. Bush	(169,000)	343,000	61,000	235,000	42%
Totals (Area 1)	(\$207,000)	\$458,000	\$85,000	\$336,000	Average 38%
Thornhill	(\$ 86,000)	\$226,000	\$18,000	\$158,000	35%
Renfrew/H. Viney	(142,000)	291,000	28,450	177,000	45%
Totals (Area 2)	(\$228,000)	\$517,000	\$46,000	\$335,000	Average 41%
Kinsmen	(\$ 64,000)	\$136,000	\$21,000	\$ 93,000	41%
Glenmore	(43,000)	137,000	35,000	129,000	25%
Optimist/G. Blundun	(112,000)	263,000	\$25,000	176,000	39%
Totals (Area 3)	(\$219,000)	\$536,000	\$81,000	\$398,000	Average 36%
Ernie Starr	(\$ 69,000)	\$164,000	\$ 9,000	\$104,000	39%
Jack Setters	(49,000)	149,000	17,000	117,000	29%
Totals (Area 4)	(\$118,000)	\$313,000	\$26,000	\$221,000	Average 35%
Frank McCool	(\$ 56,000)	\$154,000	\$13,000	\$111,000	34%
R. Kohn/J. Condon	(125,000)	263,000	22,000	160,000	44%
Totals (Area 5)	(\$181,000)	\$417,000	\$35,000	\$271,000	Average 40%
Grand Total	(\$953,000)	\$2,241,000	\$273,000	\$1,561,000	Average 38%

1981 Expenditures and Revenues: Athletic Parks

Athletic Parks	Revenues	Expenditures	Net Expenditures	Recovery
• tennis bubble	(5,000)	—	5,000	—
Shouldice	(28,000)	141,000	113,000	19.9%
Totals (Area 1)	(\$ 59,000)	\$346,000	\$287,000	Average 16.3%
Broadview	(\$ 6,000)	\$ 28,000	\$ 22,000	21.4%
Renfrew	(11,000)	79,000	68,000	13.9%
Totals (Area 2)	(\$ 17,000)	\$107,000	\$ 90,000	Average 17.7%
Glenmore	(\$ 18,000)	\$152,000	\$134,000	11.8%
• tennis bubble	(4,000)	—	4,000	—
Optimist	(22,000)	112,000	90,000	19.6%
Totals (Area 3)	(\$ 44,000)	\$264,000	\$220,000	Average 15.7%
Forest Lawn	(\$ —)	\$ 28,000	\$ 27,000	0.7%
Mewata	(5,000)	39,000	34,000	12.8%
Ogden/Millican	(—)	35,000	35,000	0.8%
Totals (Area 4)	(\$ 6,000)	\$102,000	\$ 96,000	Average 4.8%
Kingsland	(\$ 11,000)	\$ 33,000	\$ 22,000	33.3%
Acadia	(4,000)	33,000	29,000	12.1%
Frank McCool	(2,000)	25,000	23,000	8.0%
Woodbine**	—	—	—	—
Totals (Area 5)	(\$ 17,000)	\$ 91,000	74,000	Average 17.8%
Grand Total	(\$142,000)	\$910,000	\$768,000	Average 14.5%

**completed in 1981.

1981 Expenditures and Revenues: Pools

Indoor Pools	Revenues	Expenditures		Net Expenditures	Recovery
		Operating	Maintenance		
Foothills	(\$ 61,000)	\$ 242,000	\$ 69,000	\$ 250,000	19.6%
Sir Winston Churchill	(138,000)	275,000	42,000	179,000	43.5%
Shouldice	(54,000)	175,000	29,000	150,000	26.6%
Totals (Area 1)	(\$ 254,000)	\$ 692,000	\$ 140,000	\$ 578,000	Average 30.4%
Renfrew	(80,000)	252,000	26,000	198,000	28.6%
Thornhill	(82,000)	277,000	25,000	220,000	27.2%
Totals (Area 2)	(\$ 162,000)	\$ 529,000	\$ 51,000	\$ 418,000	Average 27.9%
Glenmore	(80,000)	273,000	34,000	228,000	25.9%
Killarney	(105,000)	330,000	33,000	258,000	29.0%
Totals (Area 3)	(\$ 185,000)	\$ 603,000	\$ 68,000	\$ 486,000	Average 27.6%
Bob Bahan	(137,000)	386,000	48,000	297,000	31.5%
Beltline	(165,000)	275,000	21,000	131,000	55.8%
Inglewood	(40,000)	189,000	12,000	161,000	19.9%
Totals (Area 4)	(\$ 342,000)	\$ 850,000	\$ 82,000	\$ 589,000	Average 36.7%
Acadia	(104,000)	278,000	43,000	217,000	32.3%
Canyon Meadows	(154,000)	450,000	31,000	327,000	32.0%
Totals (Area 5)	(\$ 258,000)	\$ 728,000	\$ 74,000	\$ 544,000	Average 32.1%
Totals (all indoor pools)	(\$1,201,000)	\$3,402,000	\$ 414,000	\$2,615,000	Average 30.9%
Outdoor Pools					
Snowview	(\$ 13,000)	\$ 74,000	\$ 22,000	\$ 83,000	13.3%
Silver Springs	(16,000)	64,000	8,000	56,000	22.2%
Riley Park	—	26,000	—	26,000	—
Totals (Area 1)	(\$ 29,000)	\$ 164,000	\$ 30,000	\$ 165,000	Average 14.8%
Bridgeland	(11,000)	52,000	8,000	49,000	18.2%
Highwood	(8,000)	63,000	15,000	70,000	10.8%
Mt. Pleasant	(12,000)	60,000	24,000	72,000	14.1%
Totals (Area 2)	(\$ 31,000)	\$ 175,000	\$ 47,000	\$ 191,000	Average 14.0%
South Calgary	(20,000)	89,000	7,000	76,000	20.1%
Totals (Area 3)	(\$ 20,000)	\$ 89,000	\$ 7,000	\$ 76,000	20.1%
Forest Lawn	(18,000)	91,000	26,000	99,000	15.5%
Millican-Ogden	(\$ 16,000)	82,000	13,000	79,000	16.8%
Totals (Area 4)	(\$ 34,000)	\$ 173,000	\$ 39,000	\$ 178,000	Average 16.1%
Stanley Park	(26,000)	96,000	36,000	106,000	19.9%
Totals (Area 5)	(\$ 26,000)	\$ 96,000	\$ 36,000	\$ 106,000	Average 19.9%
Totals (all outdoor pools)	(\$ 140,000)	\$ 697,000	\$ 159,000	\$ 715,000	Average 17.0%
Grand Total					
(Indoor and Outdoor Pools)	(\$1,341,000)	\$4,099,000	\$ 573,000	\$3,331,000	Average 28.7%

Arena Features/Services

Area	Arena	Const. Year	Seating Capac.	Dress. Rooms	Floor Type	Heat. Pad	Plant Capac.	Concess. Booths	Vend. Mach.	Skate Sharp.	Screening Side(s)	Screening End(s)
North West (1)	**Foothills	1964	1,950	8	Concrete	—	93T	Yes	Yes	Yes*	2P	2P
	**N. Bush	1974	—	2	Sand	Yes	43T	—	Yes	Yes	2P	2P
	Shouldice	1970	150	4	Sand	—	54T	—	Yes	Yes	2P	2P
North East (2)	**Renfrew	1966	150	8	Concrete	Yes	100T	Yes	Yes	Yes*	1T	2P
	**H. Viney	1976	400	4	Sand	Yes	100T	Yes	Yes	Yes	1T	2P
	Thornhill	1972	300	4	Sand	Yes	83T	—	Yes	Yes	1P	2P
South West (3)	Kinsmen	1956	250	4	Concrete	—	100T	—	Yes	Yes	1P	2P
	**Optimist	1972	300	4	Sand	—	50T	—	Yes	Yes	—	2P
	**G. Blundun	1980	—	4	Concrete	Yes	54T	—	Yes	Yes*	2P	2P
	Glenmore	1963	530	7	Concrete	Yes	55T	Yes	Yes	Yes	1P	2P
Centre East (4)	E. Starr	1970	300	4	Sand	—	55T	—	Yes	Yes	1P	2P
	J. Setters	1974	200	4	Concrete	—	55T	—	Yes	Yes	1P	2P
South (5)	**R. Kohn	1968	350	6	Sand	Yes	75T	—	Yes	Yes	2P	2P
	**J. Condon	1980	200	4	Concrete	Yes	70T	Yes	Yes	Yes*	1P	2P
	F. McCool	1974	250	4	Sand	Yes	80T	—	Yes	Yes	2P	2W

**Twinned arenas

*Combined

P Plexiglass

T Tempered Glass

W Wire

Limited standing room in all arenas.

Arenas with heating pads are more suited to year-round ice operations.

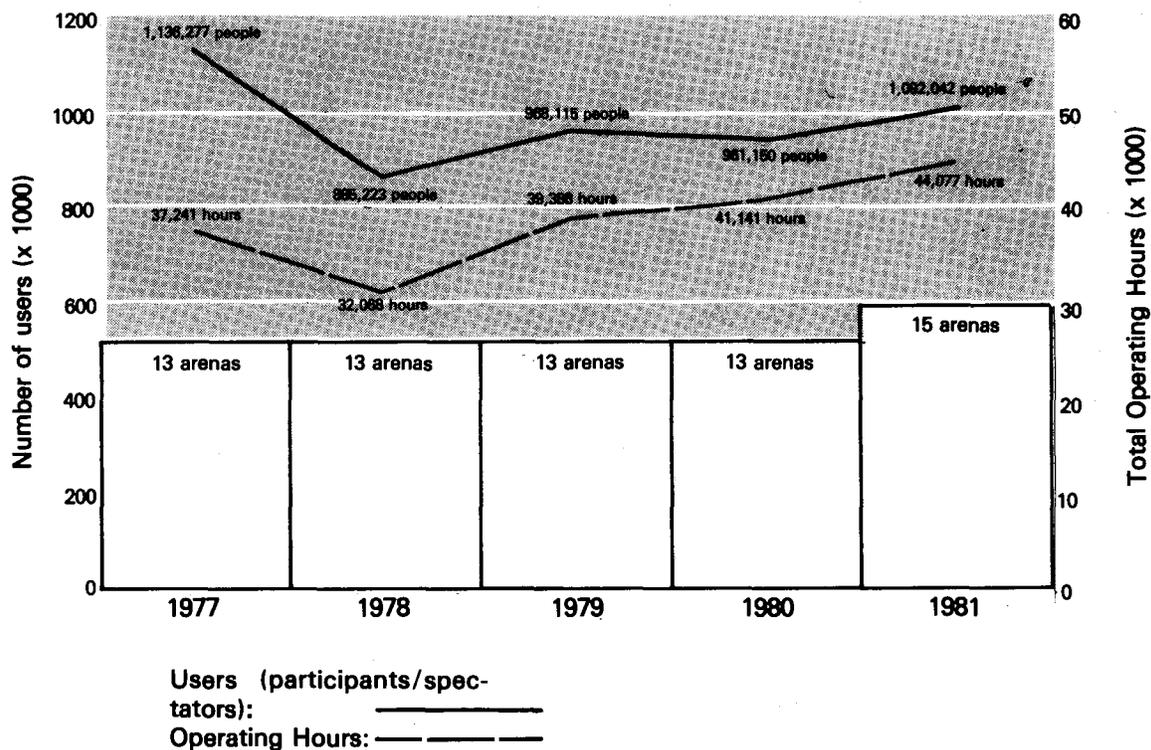
Arena Operation Schedule

Arena	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Foothills	Program Ice											
Norma Bush	Program Ice											
Shouldice	Program Ice											
Thornhill	Program Ice											
Renfrew	Program Ice	Program Ice	Program Ice	Program Ice	Closed	Closed	Closed	Closed	Closed	Closed	Program Ice	Program Ice
Henry Viney	Program Ice											
Glenmore	Program Ice	Program Ice	Program Ice	Program Ice	Closed	Program Ice						
Optimist	Program Ice											
Kinsmen	Program Ice											
Ernie Starr	Program Ice											
Jack Setters	Program Ice											
Frank McCool	Program Ice											
Rose Kohn	Program Ice											
George Blundun	Program Ice	Program Ice	Program Ice	Program Ice	Closed	Closed	Closed	Closed	Closed	Closed	Program Ice	Program Ice
Jimmie Condon	Program Ice											

Program Ice Closed [Redacted]

Arena Rates:	1977	1978	1979	1980	1981
Children/Handicapped	\$.35	\$.35	\$.35	\$.35	\$.40
Youth	.75	.75	.75	.75	.85
Adult	.75	.75	1.00	1.10	1.25
Family	1.40	1.40	2.10	2.30	2.50
Pre-school (under 6) & Seniors			Free		

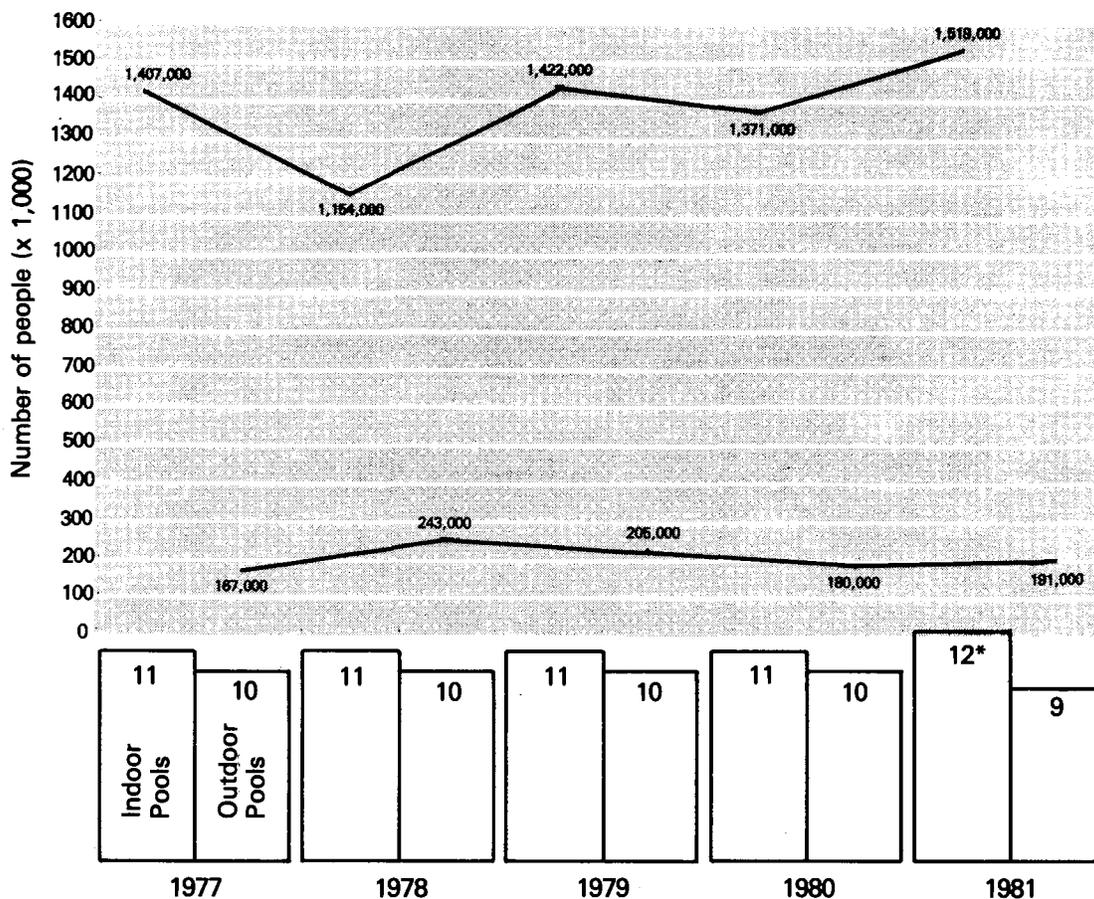
Arena Development/Operating Hours/ User Demand Relationship



Arena User Hours

	1977	%	1978	%	1979	%	1980	%	1981	%
Minor Hockey	16,239	44%	12,730	40%	13,912	38%	15,223	37%	20,757	47%
Calalta Figure Skating	3,453	9%	4,305	13%	4,580	12%	4,937	12%	5,871	13%
Adult	5,199	14%	4,880	15%	8,795	22%	8,229	20%	10,833	25%
P/S School	872	3%	513	2%	739	2%	1,645	4%	904	2%
Junior A & B, U of C Mt. Royal & S.A.I.T.	2,140	5%	1,357	4%	767	2%	82	2%	450	1%
Public Skating	5,712	15%	2,850	9%	3,415	9%	4,114	10%	2,255	5%
Miscellaneous	2,241	6%	3,503	12%	6,081	16%	4,837	12%	1,850	4%
Non-Ice	1,386	4%	1,740	5%	1,048	3%	1,234	3%	1,157	3%
Total	37,241	100%	32,068	100%	38,838	100%	41,141	100%	44,077	100%

Pool Development/User Demand Relationship



*In 1980, Shouldice Pool was closed and converted from outdoors to indoors. It re-opened for public use in 1981.

Pool Rates:	1977	1978	1979	1980	1981
Children/Handicapped	\$.35	\$.35	\$.35	\$.35	\$.40
Youth	.75	.75	.75	.75	.85
Adult	.75	.75	1.00	1.10	1.25
Family	1.40	1.40	2.10	2.30	2.50
Pre-school (under 6) & Seniors			Free		

Features: Outdoor Pools

Pool	Main Tank Size	Depth	Swim Lanes	Diving Tank Size	Diving Depth	Handicapped Access	Other Amenities
Bowview	23m x 12.8m (75' x 42')	1.1m - 1.5m (3.5' - 5')	6	12.2m x 9.1m (40' x 30')	3.1m (10')	No	Slide
Silver Springs	25.2m x 15.2m (82.5' x 50')	0.9m - 1.5m (3' - 5')	5	10.7m x 9.2m (35.3' x 30.3')	4.3m (14')	No	Slide
Mt. Pleasant	23m x 11m (75' x 36')	1m - 1.5m (3.3' - 5')	5	5.3m x 4.6m (17.5' x 15')	3.1m (10')	No	Slide
Bridgeland	23m x 12.8m (75' x 42')	1.1m - 1.5m (3.5' - 5')	5	12.2m x 22.9m (40' x 75')	3.2m (10.5')	No	Slide
Highwood	25m x 21m (82' x 68.5')	0.9m - 1.5m (3' - 5')	8	12.3m x 12.2m (40.3' x 40')	3.8m (12.5')	No	Slide
South Calgary	23m x 12.8m (75' x 42')	0.9m - 1.5m (3' - 5')	7	12.1m x 9.4m (40' x 31')	3.1m (10')	No	—
Forest Lawn	25m x 17m (82' x 56')	0.9m - 1.5m (3' - 5')	8	11.9m x 9.1m (39' x 30')	3.5m (11.5')	No	—
Ogden/Millican	23m x 18.3m (75' x 60')	1.1m - 1.4m (3.5' - 4.5')	8	None	—	No	Slide
Stanley Park	25m x 17m (82' x 56')	0.9m - 1.5m (3' - 5')	8	11.9m x 9.1m (39' x 30')	3.5m (11.5')	No	Concession Slide
Riley Park	78m x 21m	max. 0.6m	0	None	—	No	Concession
Wading Pool	(255' x 70')	(max. 2')					

Indoor Pools

						Sauna/Steam Area	Fitness Area/Gym
Shouldice	23.2m x 15.9m (76' x 52')	1.1m - 1.5m (3.5' - 5')	6	5.2m x 12.6m (17' x 42')		Yes	No
Foothills	25m x 12.8m (82' x 42')	1.1m - 1.4m (3.5' - 4.5')	6	8.2m x 10.1m (27' x 33')	3.1m - 3.7m (10' - 12')		
Sir Winston Churchill	25m x 12.8m (82' x 42')	1.1m - 1.4m (3.5' - 4.5')	6	8.2m x 10.1m (27' x 33')	3.1m - 3.7m (10' - 12')	Yes	Yes
Thornhill	25m x 12.8m (82' x 42')	1.1m - 1.4m (3.5' - 4.5')	6	8.2m x 10.1m (27' x 33')	3.1m - 3.7m (10' - 12')	Yes	Yes
Renfrew	25m x 12.8m (82' x 42')	0.9m - 1.4m (3' - 4.5')	6	9.1m x 11.0m (30' x 36')	3.1m - 3.7m (10' - 12')	No	No
Killarney	25m x 12.8m (82' x 42')	1.0m - 1.3m (3.3' - 4.3')	6	9.1m x 11.0m (30' x 36')	3.1m - 3.7m (10' - 12')	No	No
Glenmore	25m x 12.8m (82' x 42')	1.1m - 1.4m (3.5' - 4.5')	6	8.2m x 10.1m (27' x 33')	3.1m - 3.7m (10' - 12')	Yes	No
Bob Bahan	25m x 12.8m (82' x 42')	1.1m - 1.4m (3.5' - 4.5')	6	8.2m x 10.1m (27' x 33')	3.1m - 3.7m (10' - 12')	Yes	Yes
Beltline	18.3m x 7.3m (60' x 24')	1.0m - 2.7m (3.3' - 9')	4		2.7m (9')	No	Yes
Inglewood	25m x 12.8m (82' x 42')	0.9m - 1.5m (3' - 5')	6		3.7m (12')	No	No
Acadia	25m x 12.8m (82' x 42')	0.9m - 1.5m (3' - 5')	6		3.2m (10.5')	Yes	No
Canyon Meadows	25m x 12.8m (82' x 42')	0.9m - 1.5m (3' - 5')	6	10.7m x 7.6m (35' x 28')	3.1m - 3.7m (10' - 12')	No	No

Attendance: Outdoor Pools

Facility	1979			1980			1981		
	Adults	Non-adults	Total	Adults	Non-Adults	Total	Adults	Non-Adults	Total
Bowview	3,469	5,332	8,791	7,055	9,092	16,147	6,960	7,645	14,595
Shouldice	6,172	17,653	23,825	(closed for conversion to indoor)			(included under Indoor Pools)		
Silver Springs	3,093	11,316	14,409	4,341	21,301	25,642	4,067	19,537	23,604
Mt. Pleasant	4,960	14,096	19,056	4,468	11,234	15,702	5,509	10,293	15,802
Bridgeland	5,236	5,793	11,029	2,962	3,716	6,678	7,079	592	12,671
Highwood	2,716	9,957	12,673	2,026	7,613	9,639	3,563	10,166	13,729
South Calgary	9,449	13,862	23,311	7,947	11,073	19,020	9,722	14,687	24,399
Forest Lawn	3,284	24,179	27,463	3,388	25,108	28,496	5,228	25,363	30,591
Ogden/Milliken*	3,892	21,241	25,133	4,320	21,183	25,523	4,545	20,634	25,179
Stanley	15,478	23,855	39,333	12,465	20,475	32,940	13,539	16,608	30,147
Totals	57,739	147,294	205,023	48,972	130,795	179,767	60,202	130,425	190,627

*These pools open on Victoria Day Weekend. All other outdoor pools open June 15, and remain open on statutory holidays during operation period.

Indoor Pools

Facility	1979			1980			1981		
	Adults	Non-adults	Total	Adults	Non-Adults	Total	Adults	Non-Adults	Total
Shouldice	(included under Outdoor Pools)			(closed for conversion)			14,841	46,940	60,781
Foothills	28,586	62,010	90,595	48,152	64,018	112,170	36,181	57,532	92,713
Sir Winston Churchill	57,746	109,708	167,454	60,160	103,976	164,136	50,167	93,201	143,368
Thornhill	23,813	92,771	116,584	23,411	83,815	107,226	26,561	85,191	111,752
Renfrew	28,891	65,353	94,244	32,520	62,345	94,865	33,776	75,573	109,349
Killarney	55,492	117,221	172,713	52,328	99,831	152,159	58,290	103,664	161,954
Glenmore	21,705	81,890	103,595	27,009	81,878	108,887	26,538	82,341	108,879
Bob Bahan	54,997	139,478	194,475	51,221	131,808	183,029	58,778	139,119	197,897
Beltline	93,973	10,202	104,175	98,002	7,938	105,940	119,769	8,346	128,113
Inglewood	13,117	34,146	47,263	12,602	28,373	40,975	14,148	41,725	55,873
Acadia	24,284	93,392	117,676	28,605	90,110	118,715	26,121	106,726	134,847
Canyon Meadows	37,678	175,120	212,798	33,416	148,711	182,127	41,842	169,489	211,331
Totals	440,281	981,291	1,421,572	467,426	903,486	1,370,912	608,011	1,008,846	1,516,857

Athletic Park Facilities

Park	Hectares (acreage)	Seating Capacity	Field Change Facility	Dressing Rooms	Combined Soccer/Football				Soccer				Ballfields				Running Tracks	Tennis Courts	Special Features		
					A	B	C	D	A	B	C	D	A	B	C	D					
Foothills	19.8 (48.87)	4200		4	1	2				1	3			1	1	1		1	12	Tennis bubble	
Shouldice	31.3 (66.60)	1100	1	6		1				1				1	1					4	Two lacrosse boxes
Broadview	1.7 (4.11)			1					1												
Renfrew	7.4 (18.25)	1500				2				1				1		1					Electronic Score Board
Glenmore	30.3 (74.90)	3200		2	1	1	1			1	3			1	2		1			13	Velodrome, speed- skating oval, tennis bubble
Optimist	24.9 (69.00)	350					1							1	9						Practise football & soccer field 1 field hockey (C)
Mewata	3.9 (9.70)	6000	1	4	1																
Forest Lawn	11.0 (27.20)		1	2						1					1						
Ogden/Millican	13.9 (34.22)										2				1	1				3	
Acadia	4.0 (10.00)										1				2					6	1 rugby field (C)
Kingland	7.3 (18.00)	2200		2											1						2 rugby fields (A & B)
Frank McCool	6.1 (15.00)										1				2						
Woodbine	6 (15.00)										2				2						
Total Number of Facilities	174.7 (431.75)		3	21	3	6	2		1	6	10	1	2	10	24	1	2		38		

Facilities Classifications

Class "A":

- Totally fenced ground, with crowd control and parking.
- Individual Locker rooms
- Spectator seating.
- Public restroom facilities.
- Lighting available at extra charge.
- P A System
- Controlled admission. Tickets supplied or approved by City of Calgary.
- Fee based on percentage of gate charges.
- Maintenance as per "Minimum Maintenance Service for Athletic and Play Fields".

Class "B":

- Located in fenced and controlled Athletic Parks.
- Communal dressing rooms, included in cost.
- Spectator seating.
- Extra charge for lighting if available.
- Maintenance as per "minimum maintenance service for athletic and play fields".
- Groups may charge admission and/or silver collection at their discretion.
- Maintenance as per "Minimum Maintenance Service for Athletic and Play Fields".

Class "C":

- Controlled athletic play fields.
- Dressing rooms if available, at extra cost.
- Limited spectator seating.
- Maintenance as per "Minimum Maintenance Service for Athletic and Play Fields".

Class "D":

- Isolated City play fields
- No change facilities or washroom facilities.
- No crowd control.
- Minimum seating.
- Maintenance as per "Minimum Maintenance Service for Athletic and Play Fields".

Class "E":

- All fields immediately adjacent to Community Association leased property except where regional or major athletic parks are adjacent (no permit required for above).
- All school grounds assigned for City use. Permits issued by Parks/Recreation Department.
- No change facilities (other than community building).
- No crowd control.
- No seating.
- Maintenance as per "Minimum Maintenance Service for Athletic and Play Fields".

Minimum Maintenance Service for Athletic & Play Fields

Service Provided	Class "A"	Class "B"	Class "C"	Class "D"	Class "E"
Field Markings and Maintenance	Baseball/Softball — Daily Soccer/Football — Weekly	Baseball/Softball — Twice Weekly Soccer/Rugby/ Football/Field Hockey — Every Two Weeks	Baseball/Softball — Twice Monthly Soccer/Rugby Football/Field Hockey — Monthly		
Clean-up	Daily — including bleachers, dressing rooms, etc.	Twice Weekly	Weekly or as Required	Twice Monthly or as Required	Restricted to Garbage Pick Up
Mowing	As Required	As Required	Weekly or As Required	As Required and Scheduled	As Required and Scheduled
Fertilizing	As Required	Yearly	Yearly		
Top Dressing	As Required	As Required	As Required		
Aerating	As Required	Yearly	Yearly		
Re-Sodding and Seeding	As Required	As Required	As Required and Funds Available	Yearly Spring Maintenance of Work Required	Yearly Field Maintenance Minimal
Watering	Once Weekly	Once Weekly	Twice Monthly or as Required		

Athletic Parks: Program Users

Park	Participants			Spectators			Totals		
	1979	1980	1981*	1979	1980	1981*	1979	1980	1981*
Foothills	25,728	36,000	28,200	42,593	30,100	31,000	68,321	66,100	59,200
Shouldice	23,813	26,200	27,500	15,201	13,000	16,000	39,014	39,200	43,500
Broadview	3,937	2,100	2,200	2,276	3,500	3,700	6,213	5,600	5,900
Renfrew	13,823	13,800	11,900	13,511	15,000	13,000	27,334	28,800	24,900
Glenmore	55,618	61,900	66,900	35,065	19,000	21,000	90,683	80,900	87,900
Optimist	22,184	28,300	36,000	14,756	16,700	18,800	36,940	45,000	54,800
Mewata	4,800	7,500	9,700	14,180	12,900	14,000	18,980	20,400	23,700
Forest Lawn	9,765	6,400	4,800	5,510	4,100	4,800	15,275	10,500	9,600
Ogden/Millican	3,200	10,500	10,000	1,900	2,000	2,000	5,100	12,500	12,000
Acadia	12,560	13,000	13,000	12,825	8,100	8,100	25,385	21,100	21,100
Kinsland	9,628	9,100	9,100	6,589	7,600	7,600	16,217	16,700	16,700
Frank McCool	4,270	5,500	5,500	1,850	2,700	2,700	6,120	8,200	8,200
Woodbine**	—	—	—	—	—	—	—	—	—
Total	189,326	220,300	224,800	166,256	134,700	142,700	355,582	355,000	367,500

*estimated

**completed 1981; figures not available until 1982.

Cultural and Special Events: Attendance 1977-1981

Program	Attendance				
	1977	1978	1979	1980	1981
Band Concerts	22,500	29,000	31,000	33,000	22,000
Wagon Stage Touring Players	20,000 +	18,000	20,000	20,000	18,000
Summer Show - events - shows	10,000	11,000	10,000	14,000	
Art is an Experience (Music Box)	1,850	2,700	2,700	3,000	
Heritage Day	12,000	10,000	3,500	5,000	
Dominion Day	7,000	12,000	12,000	30,000	
The Spirit of '75					8,000
Devonian Gardens Performance Series	21,000	43,000	47,000	38,000	23,000
Devonian Gardens Art Displays	19,200	86,000	120,000	122,000	110,000
Spring Festival for Young People			10,500	12,500	
Seniors' Afternoon in the Park					360
Fall Festival for Young People					7,500
Co-operative Community Programs and Events	unknown	12,800	10,000	92,285	75,000 +
Visual Arts Information Project		900	900	850	
Community Art Displays			3,600	5,000	3,500
Public Artwork Lecture Series					1,000
Leadership	38			3,600	
Folk Arts on Performance	95				
Puppet Mini Festival		1,400			
The Portable Punch Fair					1,800
Plays for Kids	7,500				
Arts on Wheels	2,520				
School Program	250				
Totals	116,473	234,300	271,200	340,365	275,000

Public Relations

- Public Interface • Department newsletter
- Advertising coordination • Media relations

• Media Releases

Number of releases made to Calgary public media by month:

	1979	1980	1981
January.....	6	8	6
February.....	10	10	9
March.....	5	6	10
April.....	10	12	7
May.....	9	12	11
June.....	7	7	8
July.....	10	9	9
August.....	4	5	8
September.....	4	7	11
October.....	6	11	6
November.....	11	8	10
December.....	6	6	6
Total	88	101	101

• Newspaper Advertising

Number of ads by month:

	1979	1980	1981
January.....	16	25	19
February.....	9	11	6
March.....	15	26	25
April.....	13	48	21
May.....	9	26	23
June.....	0	28	31
July.....	7	6	18
August.....	10	23	23
September.....	14	24	14
October.....	16	10	9
November.....	0	20	14
December.....	8	19	27
Total	117	266	230

• Paid radio spots:

1979	1980	1981
42	200	257

Community Leadership: 1981

Courses Participants

- Winter/Spring
 - Pre-school Gymnastics 9
 - Gymnastics - Level I Technical 7
 - Pre-school Creative Arts:
 - Level A: Arts and Crafts (2 sessions) 36
 - Level B: Music and Storytelling (2 sessions) 23
 - Level C: Drama and Movement 19
 - High School Leadership 14
 - Summer Leader Training 19
 - Summer Leader Training (Disabled) 14
- Summer
 - St. John's First Aid (3 sessions) 84
 - Bicycle Safety and Maintenance 15
 - Senior Citizens Fitness Instructors 9
 - Effective Supervision 19
 - Junior Leader Training (7 Sessions) 116
- Fall
 - Fall Leader Training 20

Total Courses 24 Total Participants 404

Facilities Booking

	1977	1978	1979	1980	1981
Total Facilities	364	390	390	405	411
Total Bookings	10,000	10,500	10,600	10,750	10,750

Central Parks Operations: Equipment Maintenance

• Parks Playground Equipment Repair Shop: 1978-1981

	1978	1979	1980	1981
Recovery Value of Manufactured Goods	\$241,000	\$268,000	\$372,000	\$418,000
Overhead Expenses	\$ 62,900	\$ 68,000	\$ 65,200	\$ 84,400
Number of Work Orders Completed	255	290	233	260

• Loam Hauling: 1977-1981

	1977	1978	1979	1980	1981
Amounts delivered (m ³)	90,274	129,335	137,167	140,940	93,840

Central Parks Operations: Environmental Control

• Weed Control: 1980-1981

	1980	1981
Weed Notices Issued	5,971	9,780
Work Orders:		
City (charged)	250	483
Private (charged)	189	287
City and Private (by owner)	5,432	9,010
Weed Appeals Committee Hearings	0	0

• Horticultural Extension Services: 1978-1981

	1978	1979	1980	1981
Telephone Inquiries	5,915	8,540	9,412	8,747
Office Consultations	410	400	398	539
Publications Mailed	6,300	5,000	5,913	3,979

• Provincial Government Grants Received: 1981

Restricted Weed Control (Nodding Thistle)	\$ 10,500
Mosquito Abatement	\$103,000
Horticultural Information	\$ 7,000
Total	\$120,500

**Central Parks Operations:
Indoor Gardens and Greenhouses**

• **Bedding Plants (Annuals) Sold: 1981**

Flats	3,820
Pots	18,768
Value	\$83,322

• **Plant Materials (new and replacement) Sold: 1981**

	Pots	Value
Flowering Plants	13,530	\$ 76,987
Tropical Plants	18,063	\$ 93,464
Special Displays	—	\$ 1,055
Total	31,593	\$171,506

**Central Parks Operations:
Nursery and Tree Farms**

• **Total Trees and Shrubs by Method of Planting: 1978-1981**

	1978*	1979	1980	1981
Trees planted by tree spade	3,220	3,850	2,950	3,920
Trees planted by hand	1,900	3,000	3,650	2,330
Trees basketed	1,230	2,050	2,420	3,560
Shrubs planted	3,850	11,300	18,980	10,690
Total	10,200	20,200	28,000	20,500

*year of C.U.P.E. Local 37 (outside workers) strike.

Deaths, Burials and Cremations in Calgary: 1971 - 1981

Year	Deaths	Cremations	Burials* (including cremations)	% of cremations to deaths	% of burials to deaths (excluding cremations)
1971	2,326	446	1,626	19%	64%
1972	2,279	483	1,559	21%	61%
1973	2,348	522	1,641	22%	61%
1974	2,400	682	1,651	28%	61%
1975	2,519	704	1,625	28%	58%
1976	2,530	816	1,670	32%	57%
1977	2,559	909	1,628	36%	53%
1978	2,608	938	1,503	36%	47%
1979	2,811	1009	1,714	36%	50%
1980	2,972	1105	1,653	37%	46%
1981	3,150**	1121	1,809	38%	47%

**Projected figure

Sources: Deaths - Dept. of Vital Statistics

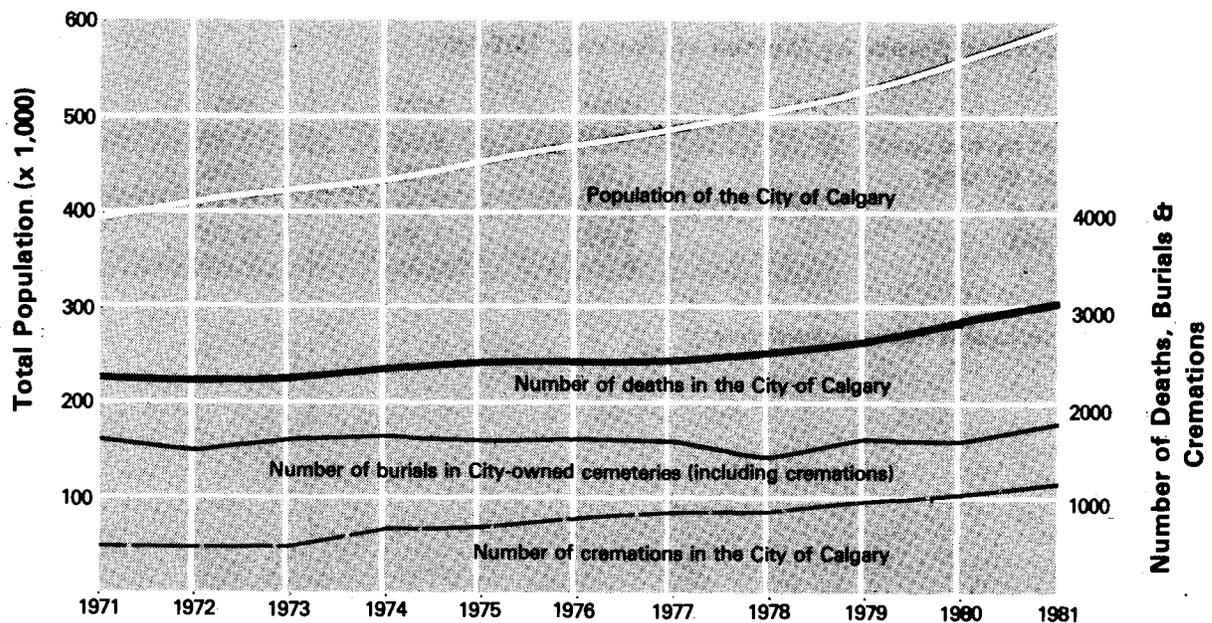
Cremations - Calgary Crematorium Ltd., Foothills Crematorium Ltd. & Centre Street Crematorium.

Burials - City of Calgary Cemeteries Division

Note: Not all persons who die in Calgary are buried or cremated in Calgary.

Not all bodies buried or cremated in Calgary are of persons who died in Calgary.

*Burials in City of Calgary cemeteries do not include burials in Mountain View Memorial Gardens or Rockyview Garden of



City-owned Cemeteries

Cemetery	Opened	Total Hectares	Unusable Hectares	Available Hectares	Graves to Date	Burials to Date
Union	1890	20.36		.39	16,312	19,376
Burnsland	1923	12.93		.12	18,254	20,859
St. Mary's	1935	7.10	51	.59	8,354	8,542
Chinese	1938	1.37			1,224	992
Queen's Park	1940	53.76	8.70	22.98	30,789	34,056

Total available hectares 24.08

Cemeteries: Monuments & Flat Markers 1977-1981

	Cemeteries	Plots Sold	Monuments	%	Flat Markers	%
1977	Queen's Park	1,107	325	29	782	71
	St. Mary's	193	114	59	79	41
	Union	72	4	6	63	94
	Burnsland	13	13	100	—	—
	Chinese	—	—	—	—	—
	Total	1,385	456	33%	939	67%
1978	Queen's Park	913	456	28	658	72
	St. Mary's	185	119	64	66	36
	Union	64	—	—	64	100
	Burnsland	19	19	100	—	—
	Chinese	—	—	—	—	—
	Total	1,181	393	33%	788	6%
1979	Queen's Park	1,112	339	30	773	70
	St. Mary's	198	131	66	67	34
	Union	66	5	8	61	92
	Burnsland	9	9	100	—	—
	Chinese	—	—	—	—	—
	Total	1,385	484	35%	901	65%
1980	Queen's Park	1,021	331	32	690	68
	St. Mary's	196	129	67	63	33
	Union	83	15	18	68	82
	Burnsland	20	17	85	3	15
	Chinese	—	—	—	—	—
	Total	1,316	492	37%	824	63%
1981	Queen's Park	1,002	329	33	673	67
	St. Mary's	208	133	64	75	36
	Union	67	12	18	55	82
	Burnsland	13	11	85	2	15
	Chinese	—	—	—	—	—
	Total	1,290	485	38%	805	62%

Cemetery Data: 1981

	Queen's Park				St. Mary's	Union	Burnsland		Chinese	Total
	*Std.	R.C.	Ch.	F.O.H.			Std.	F.O.H.		
Adults	636	92	42	118	220	105	50	3	5	1,271
Children	7	—	—	—	4	—	—	—	—	11
Babies	192	—	—	—	9	—	—	—	—	201
Ashes	207	4	—	29	13	26	46	1	—	326
										Total 1,809**

*Std. (Standard) R.C. (Roman Catholic) Ch. (Chinese) F.O.H. (Field of Honor)

**Includes: 70 Welfare burials

402 made at extra depth

31 disinterments to permit second burial in same grave.

Calgary Zoo Statistics: 1981

Visiting hours:

- Summer ticket sales 9:00 a.m. to 7:30 p.m.
- Buildings open 10:00 a.m. to 8:00 p.m.
- Grounds close 8:30 p.m.
- Winter ticket sales 9:00 a.m. to 4:30 p.m.
- Buildings open 10:00 a.m. to 5:00 p.m.
- Grounds close 5:30 p.m.

Admission Rates:

- Adults (18 yrs and over) \$2.00
- Youth (12 - 17 yrs) 1.00
- Children (3 - 11 yrs) .50
- Pensioners and school groups Free

Calgary Zoological Society Membership Fees:

- Individual \$15.00
- Family 20.00

Board of Directors: Calgary Zoological Society

- 26 Active Directors
- 21 Associated Directors
- 24 Members at large on 15 committees

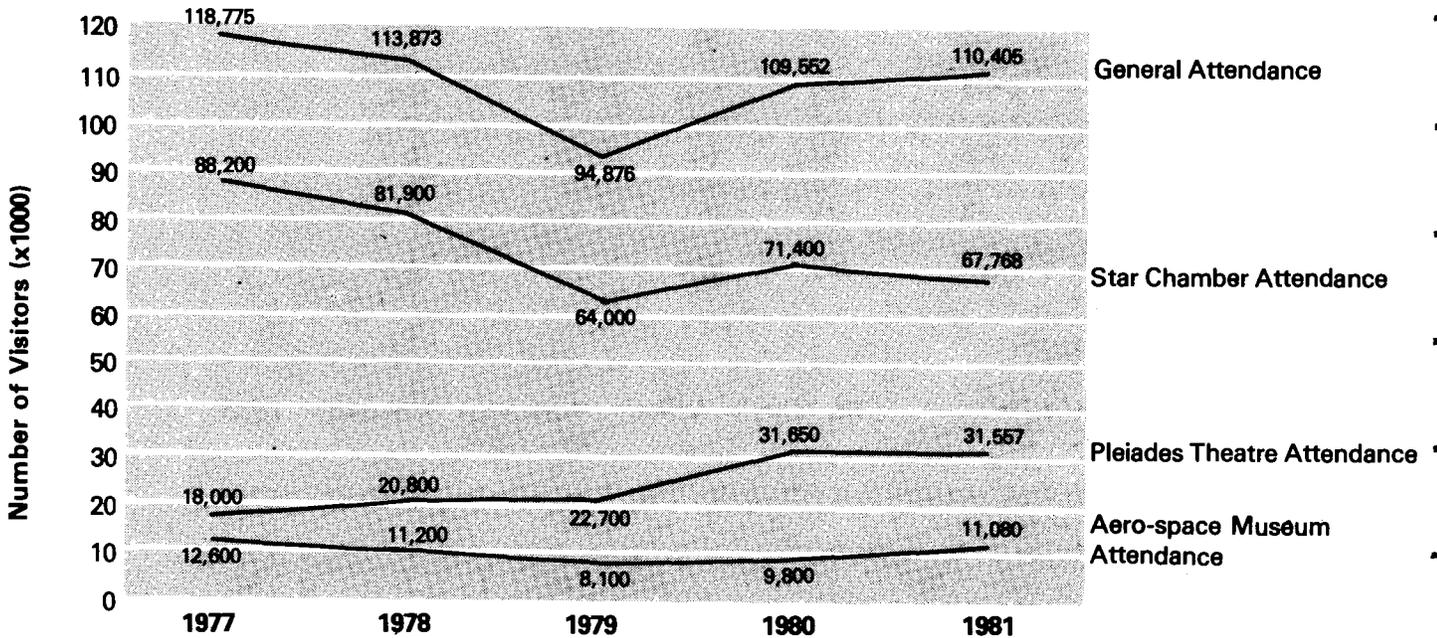
Visitor Attendance: 1977-1981

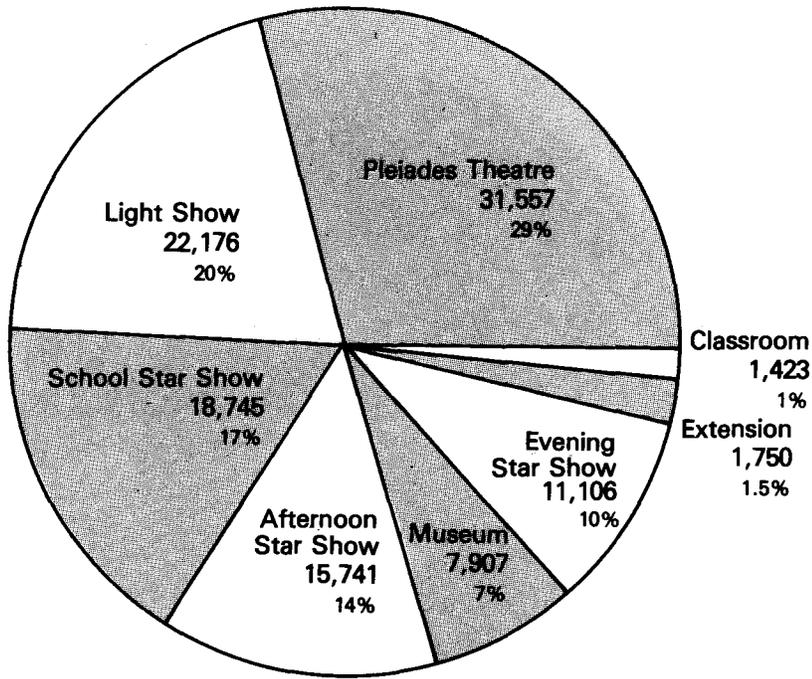
Year	Paid Admission	Free (Children)	Free (Others)	Total
1977	583,408	84,232	47,748	715,388
1978	551,893	95,545	54,152	701,590
1979	548,419	104,335	86,016	738,770
1980	557,889	88,825	70,501	717,215
1981	560,206	101,508	68,012	726,726

Zoological Society Memberships: 1977-1981

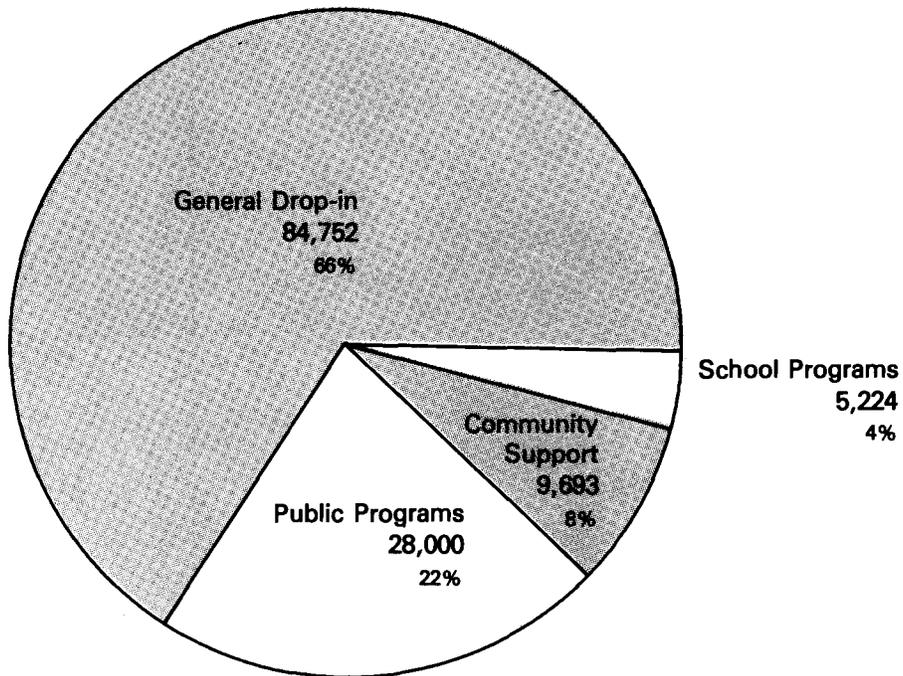
Year	\$10 Family	\$7 Individual	\$100 Life	Total
1977	7,728	495	107	8,330
1978	7,984	455	143	8,579
1979	6,965	482	157	7,604
(fee increases) (\$15)		(\$10)	(\$200)	
1980	6,879	554	160	7,593
(fee increases) (\$20)		(\$15)	(\$200)	
1981	6,600	415	173	7,188

Centennial Planetarium Attendance: 1977-1981



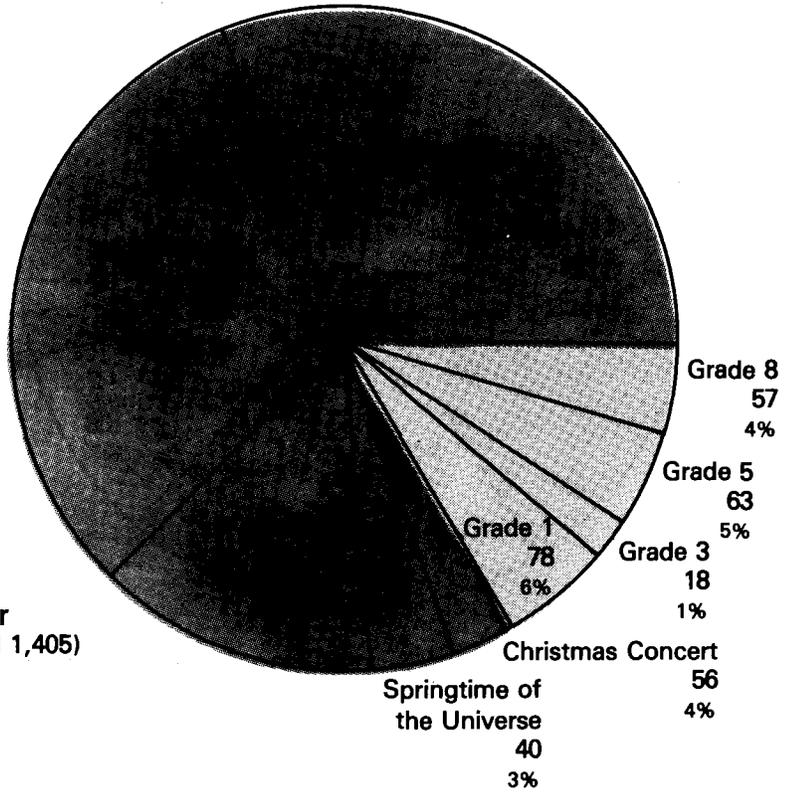


Centennial Planetarium Attendance: 1981 (total 110,405)

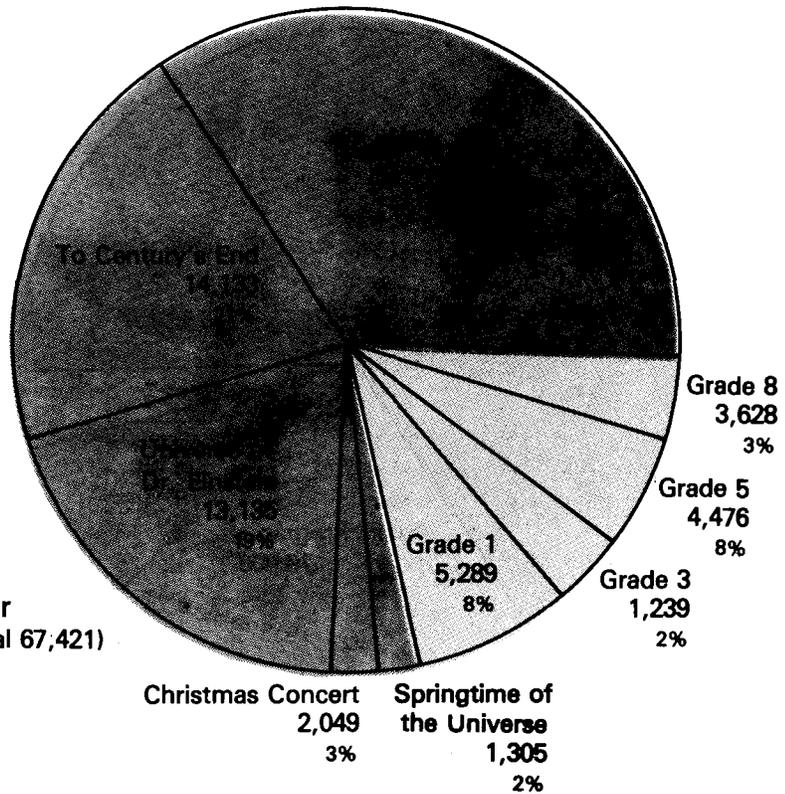


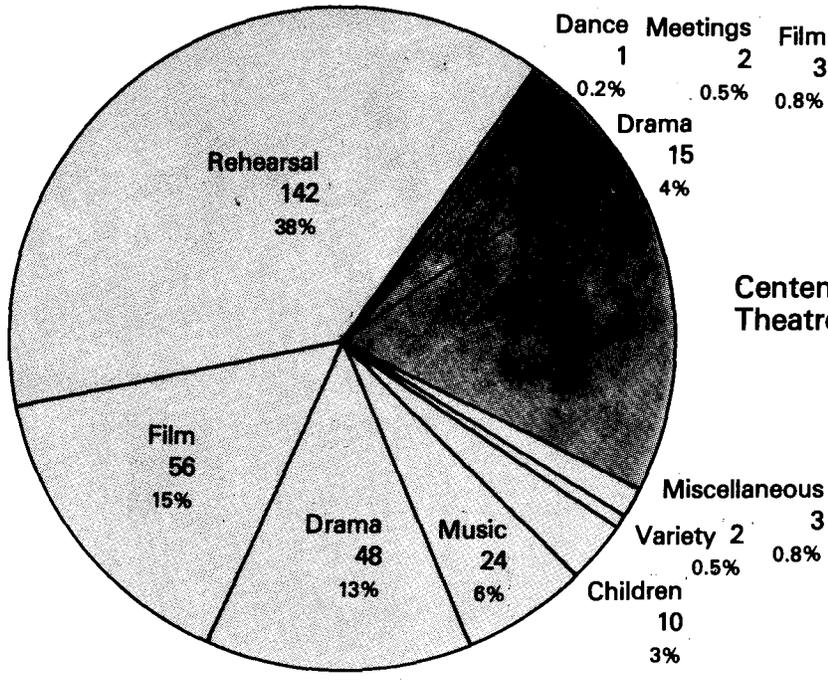
Fort Calgary Attendance: 1981 (total 127,669)

Centennial Planetarium Star
Chamber Events: 1981 (total 1,405)

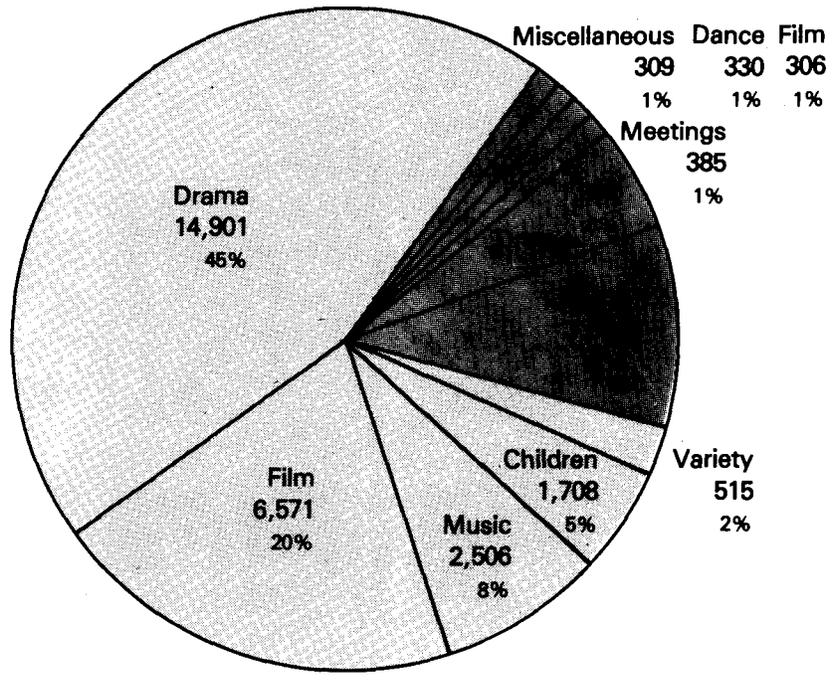


Centennial Planetarium Star
Chamber Visitors: 1981 (total 67,421)





Sponsored Rented



Heritage Park: 1977-1981

	1977	1978	1979	1980	1981
Gross Operating Revenue	\$1,212,000	\$1,278,000	\$1,545,000	\$1,982,000	\$2,356,000
Attendance	338,000	350,000	362,000	374,000	360,000
Admission Fees:					
Adult	\$ 1.25	\$ 1.50	\$ 1.50	\$ 2.00	\$ 3.00
Child (3 - 15 yrs.)	.50	.75	.75	1.00	1.00
Yearly Pass	\$10.00	\$15.00	\$15.00	\$15.00	\$25.00