



 THE
CITY
OF CALGARY
PARKS / RECREATION



1982 Annual Report

Message from the Director

1982 was a turning point for Parks/Recreation. The unprecedented growth in capital development which had severely taxed the department's design, project & financial control systems, had to be severely constrained in mid-year with the downturn in the economy. A similar impact was felt in departmental operations with many areas of service being curtailed such as the cancellation of fall programming.

Fortunately, Council's adoption of the Policy & Systems Plan in 1981 had previously chartered a course of community development, namely, encouraging community organizations to plan and provide for their own recreational needs as an alternative to the existing direct delivery system. This change in direction tied in directly with the need for constraint in expenditure of public dollars. As a result of the economic downturn, the community development process has been accelerated to a considerably faster pace.

1983 will see the following emphasis:

- Quicker implementation of the community development process.
- Extension of the Parks Maintenance Management System throughout the Department based on the experience gained in the 1982 pilot project which resulted in savings of \$400,000 in the South Area alone.
- Completion of several major facilities and transition to a society operation for Lindsay Park.
- Extensive volunteer involvement in the Western Canada Games.

Highlights from 1982 included:

Community Development Activities:

- Community Development Strategy information package for Calgary communities and Parks/Recreation outlining key concepts and resources available through the Department.

- Developed a Needs and Preference manual, Program Planning manual and a Financial Feasibility Resource manual to assess the viability of new projects for use by communities.
- The Program Starter Grant provided financial assistance on a decreasing basis to communities for recreation programs.
- Completed the Community Profiles Manual - An informative guide and directory to Calgary communities.
- Established guidelines for facilitation and a standardized format for evaluating Community Development.
- Grants Program:
 - a) 21 projects for \$310,000 under Project Co-op: Community Services.
 - b) 20 projects for \$405,000 under Project Co-op: Community Schools.
 - c) 16 projects for \$1,669,290 to communities under the Major Cultural/Recreation Grant program.
- Leases:
 - a) Jack Setters Arena leased to Millican/Ogden Community Association.
 - b) The Greater Forest Lawn Senior Citizens Society leased Dover Centre for the purpose of establishing a Senior Citizens' recreation centre.

Master Plans for the following were approved after a great deal of citizen involvement:

- Bowmont Park
- Shaganappi Golf Course
- Carburn Park

Significant progress was made in the following areas:

- Management by objectives & results (MOR) was introduced on a coordinated Department-wide basis.
- Emphasis on establishment of a performance criteria system.
- First results of a Parks Maintenance Management System with a \$400,000 savings in the South Area.
- Accident frequency down by half.

Fred McHenry
Director

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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

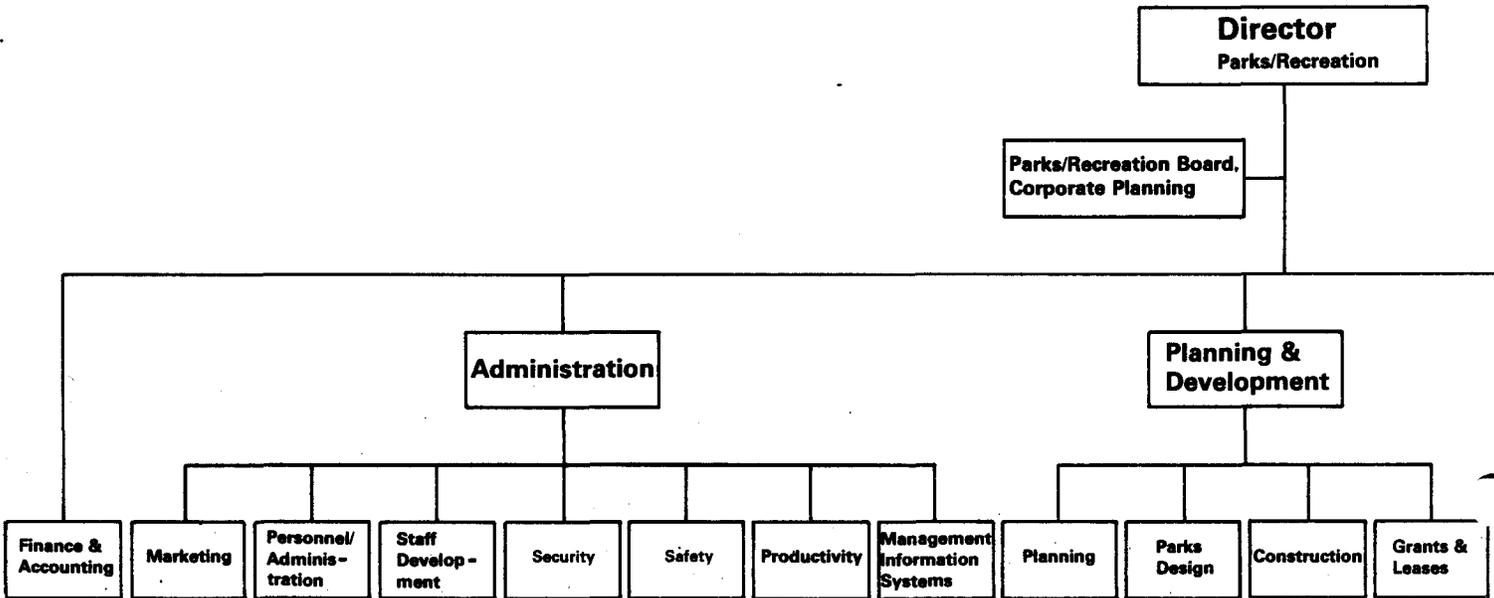
- To encourage coordination in the delivery of leisure services between government, groups, organizations and individuals so that available resources are effectively utilized.
- To promote full utilization of all available leisure services in Calgary region.

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

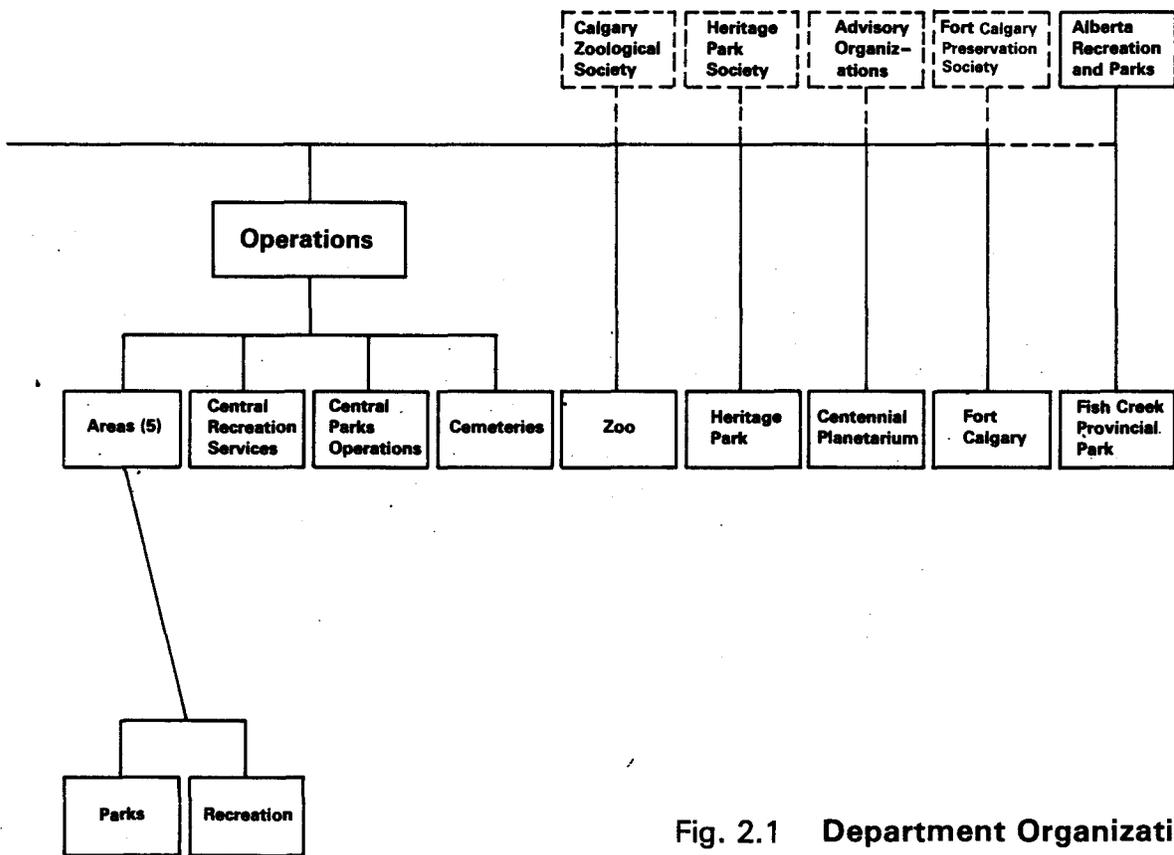


Fig. 2.1 Department Organization

Fig. 2.2
1982 Operating Budget (x \$1,000)

Program	Appropriations		Actuals	
	Expenditures	Revenues	Expenditures	Revenues
269 Weed Control	\$ 191	\$ —	\$ 188	\$ —
270 Mosquito Control	258	134	276	151
425 Departmental Management	2,085	—	2,057	—
426 Central Parks Operations	193	—	187	—
427 Planning	1,226	—	1,393	—
429 Other Costs/Recoveries	10,488	3,542	12,077	4,203
430 Parks Maintenance	12,122	104	12,250	94
431 Devonian Gardens	669	—	693	—
432 Swim Pools	5,622	1,763	5,680	1,737
433 Arenas	2,897	1,292	3,007	1,256
434 Community Leisure Services	2,247	573	2,114	510
435 Athletic Fields	1,091	197	1,005	174
436 Sport/Leisure Centres	914	626	676	183
441 Sports Grants	341	—	244	—
444 Central Recreation Services	3,169	1,109	3,163	1,204
451 Zoo	3,829	259	3,819	273
452 Heritage Park	916	27	923	26
453 Planetarium	1,123	346	1,084	431
454 Golf Courses	1,693	1,859	1,757	1,989
456 Cemeteries	1,145	770	1,126	783
457 Area Management	1,501	—	1,646	—
458 Fort Calgary	362	52	315	39
754 Playground Equip. Maint.	2	—	2	—
755 Nursery & Greenhouse	61	55	189	54
Total	\$54,145	\$12,708	\$55,871	\$13,107
Net Expenditures	\$41,437		\$42,764	

Fig. 2.3

**Capital Program Summary:
December 31, 1982 (x\$1,000)**

Program	Total Appropriation	1982 Expenditures	Balance
500 Parks	\$ 3,322	\$ 2,213	\$ 1,109
501 Community Parks	6,775	3,964	2,811
502 Community Service Bldgs.	4,614	3,670	944
504 Cemeteries	88	41	47
505 Golf Courses	1,360	717	643
506 Heritage Park	317	75	242
507 Natural Areas/Pathways	2,347	1,761	586
508 Downtown Parks	904	18	886
509 Depots & Service Facilities	1,896	401	1,495
510 Zoo	12,179	5,286	6,893
511 Planetarium	271	236	35
512 Fort Calgary	46	2	44
515 Land	17,258	3,532	13,726
516 Miscellaneous Capital	14	12	2
517 Arenas	1,480	557	923
518 Pools	1,930	414	1,516
519 Leisure/Rec Centres	60,911	59,311	1,600
527 Athletic Parks	7,087	4,916	2,171
534 Calgary Zoo Master Plan	3,898	4,273	375
Total	\$126,697	\$91,399	\$35,298

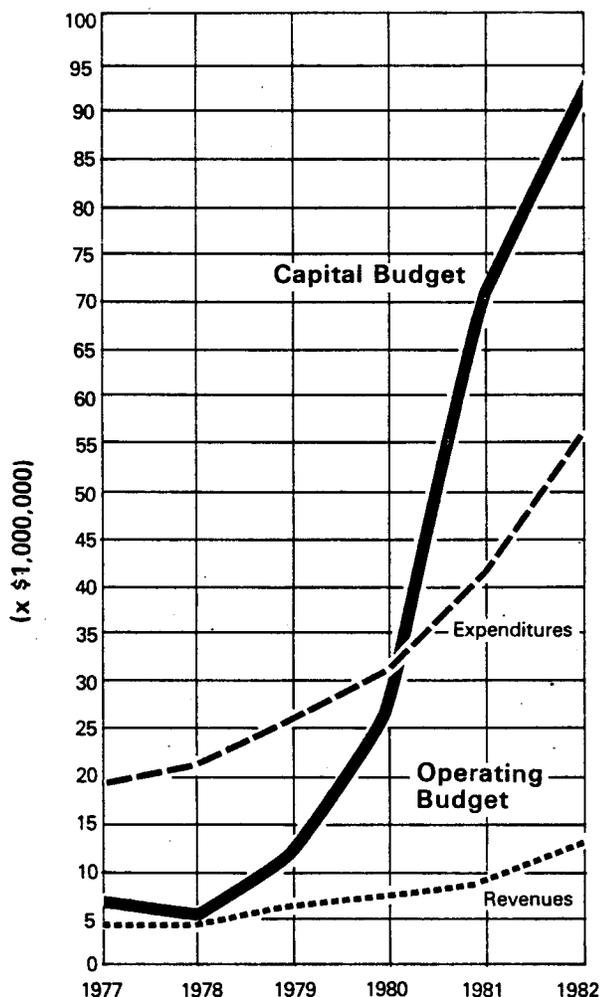


Fig. 2.4 Actual Revenues/
Expenditures Comparison

2.3 Staff Development. The year 1982 for the Staff Development Division was highlighted by the infusion of fresh enthusiasm as a by-product of staff turnover and secondment. On a temporary basis a project manager assumed responsibilities for the implementation of the Community Development recommendations generated by the Policy and Systems Plan. George Nogradi replaced Al Grassick who retired as Staff Development Manager in July after thirty-six years of civic service.

The year was also marked by the offering of the inaugural section of the Achieve Supervision Program, one element in the developing Foreman Training Program. Forty-nine foremen attended the initial eight-week program, a modular, behavior-modelling approach to the learning of supervisory skills. Seven foremen and one superintendent served as instructors in the program, after completing an intensive four-day trainer's workshop. A further twenty-four foremen took the course in the fall of 1982. Expansion of the program to include further instructional modules in supervisory, technical and administrative skills is planned for 1983.

The training implications of the Policy and Systems Plan regarding community development received the attention of Staff Development Division personnel who worked with the recreation staff to further refine the concepts and definitions contained in the Plan, and to identify and address staff training needs arising out of the shift from provision to facilitation. Workshops were set up for and by recreation staff on topics such as: needs assessment, public relations, decision-making, group dynamics, volunteer management, and facilitator interventions in the change process.

With the recognition of the need for more systematic measurement of performance among Parks and Recreation Department employees, considerable Staff Development commitment was given to the task of assisting various groups and individuals throughout the department in the formulation of appropriate and measurable performance criteria. Determination of performance criteria dovetails with the application of the MOR (Management by Objectives and Results) process.

Members of the division continued to offer their services on a consultative basis to the department, and thereby became involved in the resolution of a variety of unique (one-time) problems and the arrangement of training for specific interest groups.

Finally, in the continuation of its coordinating role in the attendance of departmental members at all internal and external training courses, seminars, conferences, and conventions, the division arranged for departmental members to attend over 450 conferences and seminars of their choice.

2.3.1 Safety and Security. A concentrated effort to counteract "break, enter and theft" incidents through preventative measures is having a positive effect. Installation of appropriate locks and alarm systems resulted in a decrease of incidents when normal growth of new facilities would have meant an increase. A mechanism for reporting incidents of vandalism, instituted in 1981, was more widely used throughout the Department resulting in an increase in reported uses. The Vandalism Task Force completed their report and recommendations to Council in the early part of 1983.

2.4 Productivity. During 1982 the productivity program in the Area 5 Park Maintenance Division has been further refined. During this its second year the results were a \$400,000 saving against budget as well as a decrease in citizen complaints while maintaining the same standard of quality of service.

2.5 Management Information Systems. The increasing demand for more information resulted in greater usage of the MIS section in 1982. Budget cuts and the freeze on hiring reduced the staff from five to one. The effects were that data collected by Area Staff in 1981 was not keyed into the computer, and 1982 data was not collected; thus the PRIMS inventory is now two years out of date.

In spite of the financial difficulties, MIS participated in the following activities:

- acquiring four microcomputers for use at the Zoo, South Area 5, the Administration Office, and the Village Square Leisure Centre.
- acquiring a word processing unit
- training personnel in word processing and computer usage.
- assisting staff in examining their information needs and devising systems either manual or automated to meet the needs.
- conducting a survey jointly with DPSD of senior staff in order to identify problems in the existing information systems; results will be published in 1983.

2.6 Marketing. The need for this section was identified. Initiation of development of a departmental market policy is to be completed in 1984.

Planning and Development



3.1 Planning. 1982 was a period of implementation and furthering action items identified in the 1981 Policy and Systems Plan. Specific items which required further investigation were the development of a cemetery policy, a policy on trails and pathways, and the use of Devonian Gardens.

1982 saw the completion of Bowmont, Clearwater, Bearspaw and Shaganappi Master Plans, with approval of the latter two. The first draft of a redevelopment plan for Bowness Park was completed and presented.

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

- the completion 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.
- the completion of a procedures manual for assessing recreation needs and preferences and project feasibility at the community level.
- the provision of Parks/Recreation input for a variety of Planning Department documents including Area Redevelopment Plans, Area Structure Plans, LRT corridor studies and special projects as requested.
- the completion of a special report on the use of the Glengarry School site for the A.C.T. Action Centre in conjunction with the Glengarry/Killarney Swimming Pool.

3.2 Parks Design. In 1982, staff consisting of landscape architects, technicians and draftspersons concentrated on a variety of projects from design and construction of a community park, cooperative design and construction supervision of a riverbank park adjacent to Eau Claire to the detailed work done by the Drafting and Graphics staff for the 1981 Annual Report.

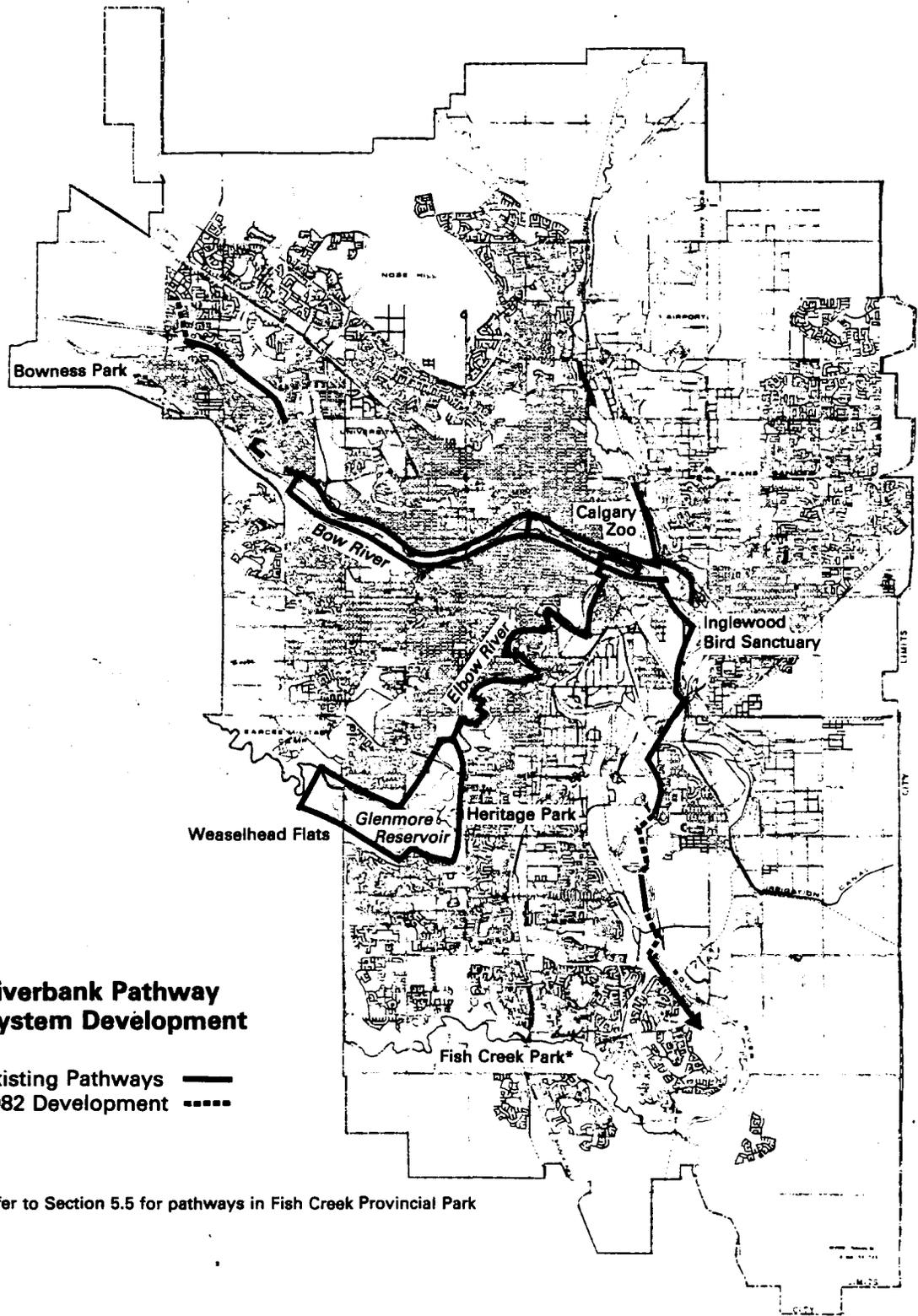
The development of a section of the Eau Claire riverbank park was substantially completed during the summer months. This work was done by Oxford Developments with design review and construction supervision done by our staff.

Community input was finalized on Nimmons Park design. Construction coordination with Southwest Parks Area III resulted in the park being substantially completed in 1982. A sculpture and playground equipment will be installed in 1983.

Both Bowness Park Site Redevelopment Plan and Shaganappi Golf Course Master Plan were initiated into the approval process in 1982. Shaganappi Golf Course Master Plan was approved in June 1982. Bowness Park Site Redevelopment Plan was put on hold.

The initial research and report for the Douglas Fir Park was handled by the department staff who reviewed with various individuals and agencies the possibility for the creation of this park.

Staff also completed conceptual designs for Joint Use Sites in Coach Hill, Ranchlands, Strathcona, Millrise and McKenzie North.



Riverbank Pathway System Development

Existing Pathways ———
 1982 Development - - - - -

*refer to Section 5.5 for pathways in Fish Creek Provincial Park

3.3 Construction. Since 1974, a system of surfaced riverbank pathways has been in the process of development along the Bow and Elbow Rivers and Nose Creek. In 1982 the original goal to link Bowness Park to Fish Creek Provincial Park was brought to about 95% completion with the construction of 3 km of pathway between Ogden and Fish Creek, and 1 km of pathway between Edworthy Park and Lowery Gardens. This program has been funded jointly by the City, the province of Alberta and the Devonian Group of Charitable Foundations.

The first stage in the development of Nose Hill Park was the construction this year of a 1.5 km pathway from Huntington Hills to the top of Nose Hill.

1982 saw the completion of the Eric Harvie Pedestrian Bridge across the Bow River at Carburn Park in southeast Calgary. This project was funded in part by the Devonian Group.

A number of major projects approached final completion by the end of the year. The status of those projects in progress at the end of 1982 are as follows:

Project	1982 Year-end Status
• Village Square Leisure Centre	99% complete
• Glenmore Canoe and Rowing Club	99% complete
• Shouldice Athletic Services Building	98% complete
• Foothills Track and Field Facility	97% complete
• Southland Leisure Centre	96% complete
• Lindsay Park Athletic Centre	70% complete
• Zoo North Access and Parking	60% complete
• Renfrew Pool Fitness Centre	10% complete

Community park development involved landscaping, irrigation, fencing and equipment installation at over 120 sites.

3.4 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).

3.4.1 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)

3.4.2 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*
 - Calgary Horseshoe Club: development of grounds and horseshoe pits.
 - Lakeview Community Association: renovations to community hall.
- Major Cultural/Recreation Facility Development Program*
 - Rosscarrock Community Association: construction of a new community centre.
 - Theatre Calgary: capital purchase of equipment for theatre production.
 - Calgary Rifle and Pistol Club: construction of indoor shooting range for Western Canada Games.

3.4.3 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
- 25% City Capital Grant

3.4.4 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.

Operations

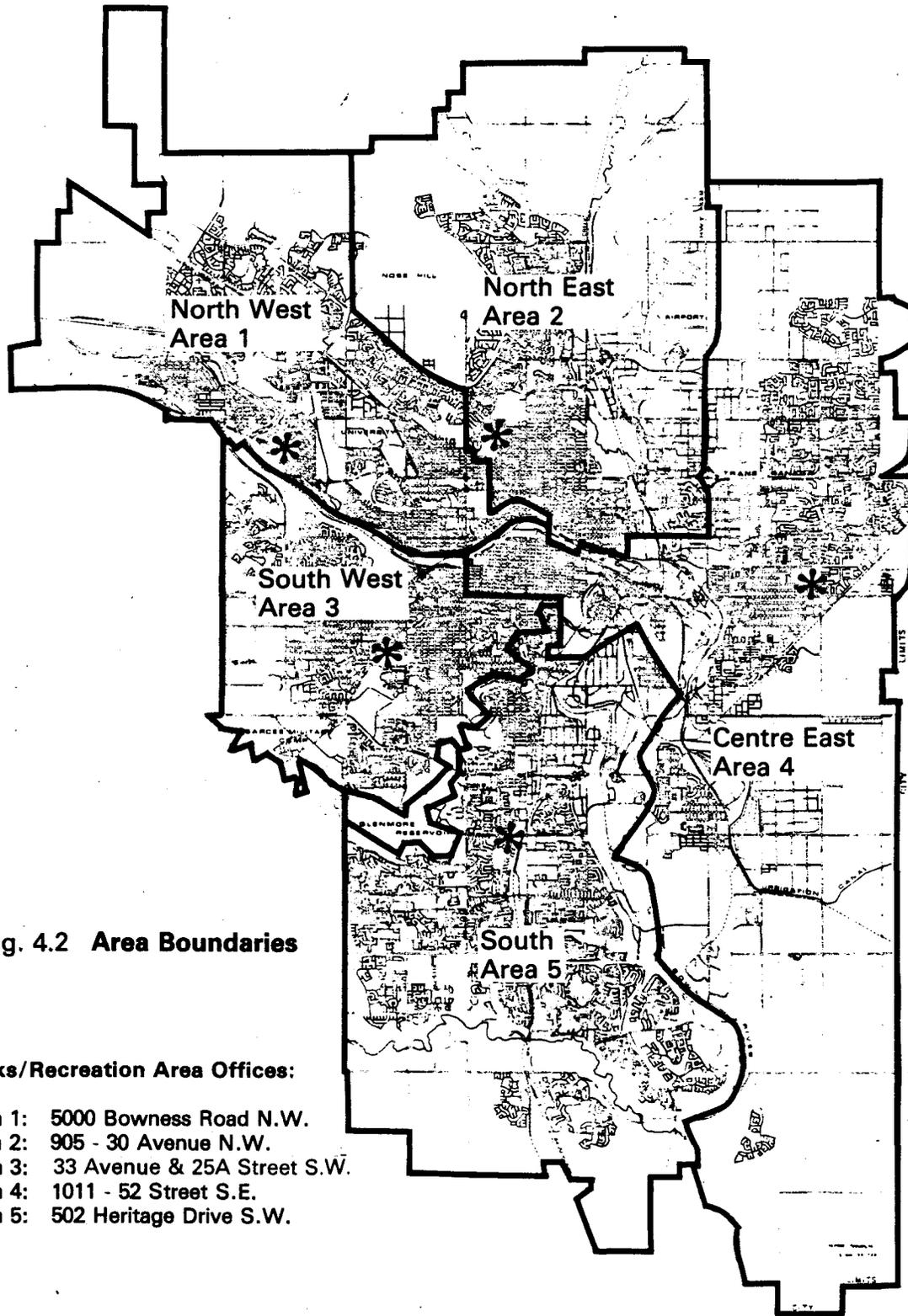


Fig. 4.2 Area Boundaries

*** Parks/Recreation Area Offices:**

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

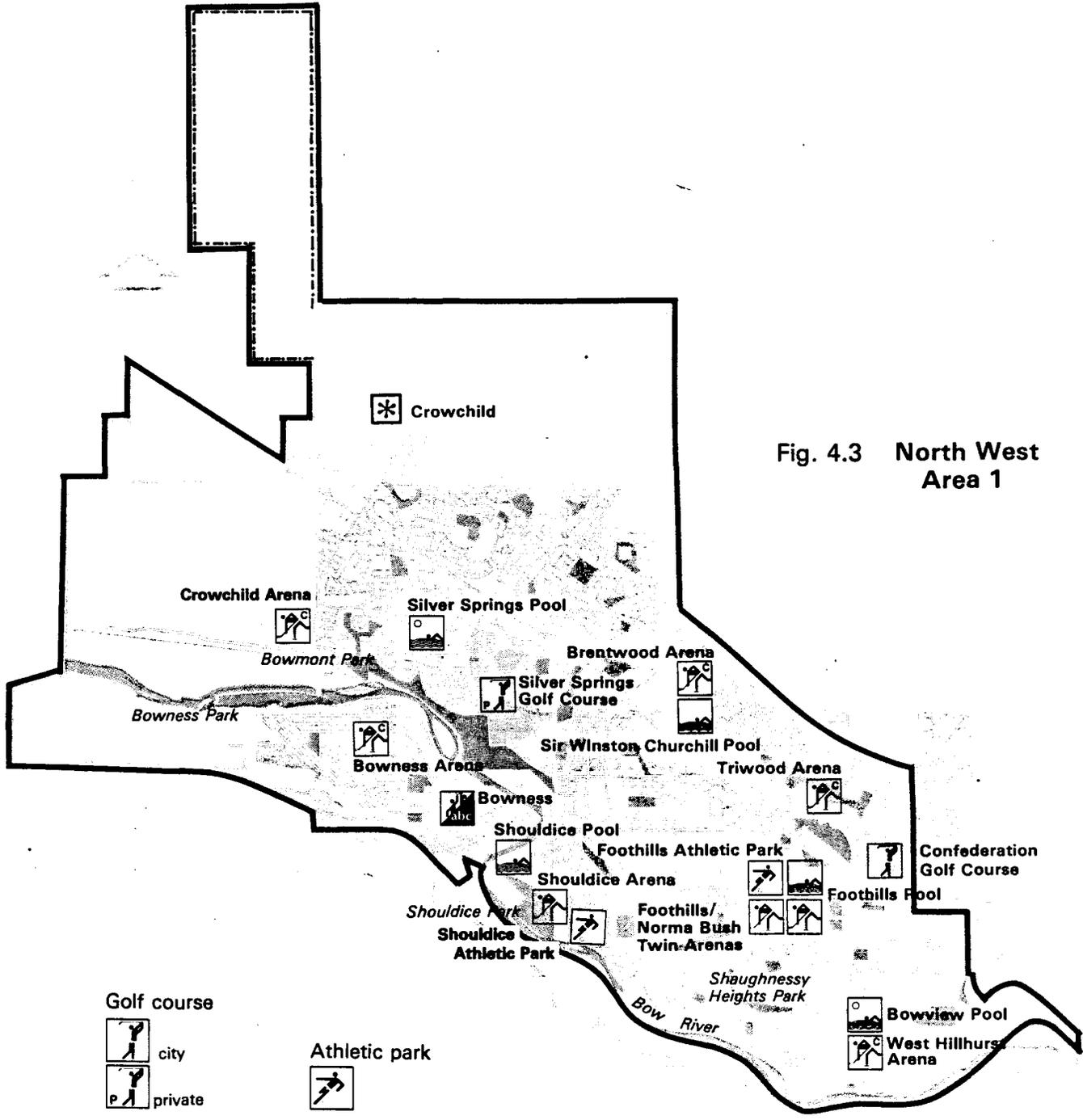


Fig. 4.3 North West Area 1

Golf course

- city
- private

Athletic park



Pool

- indoor
- outdoor

Community educational/recreational complex



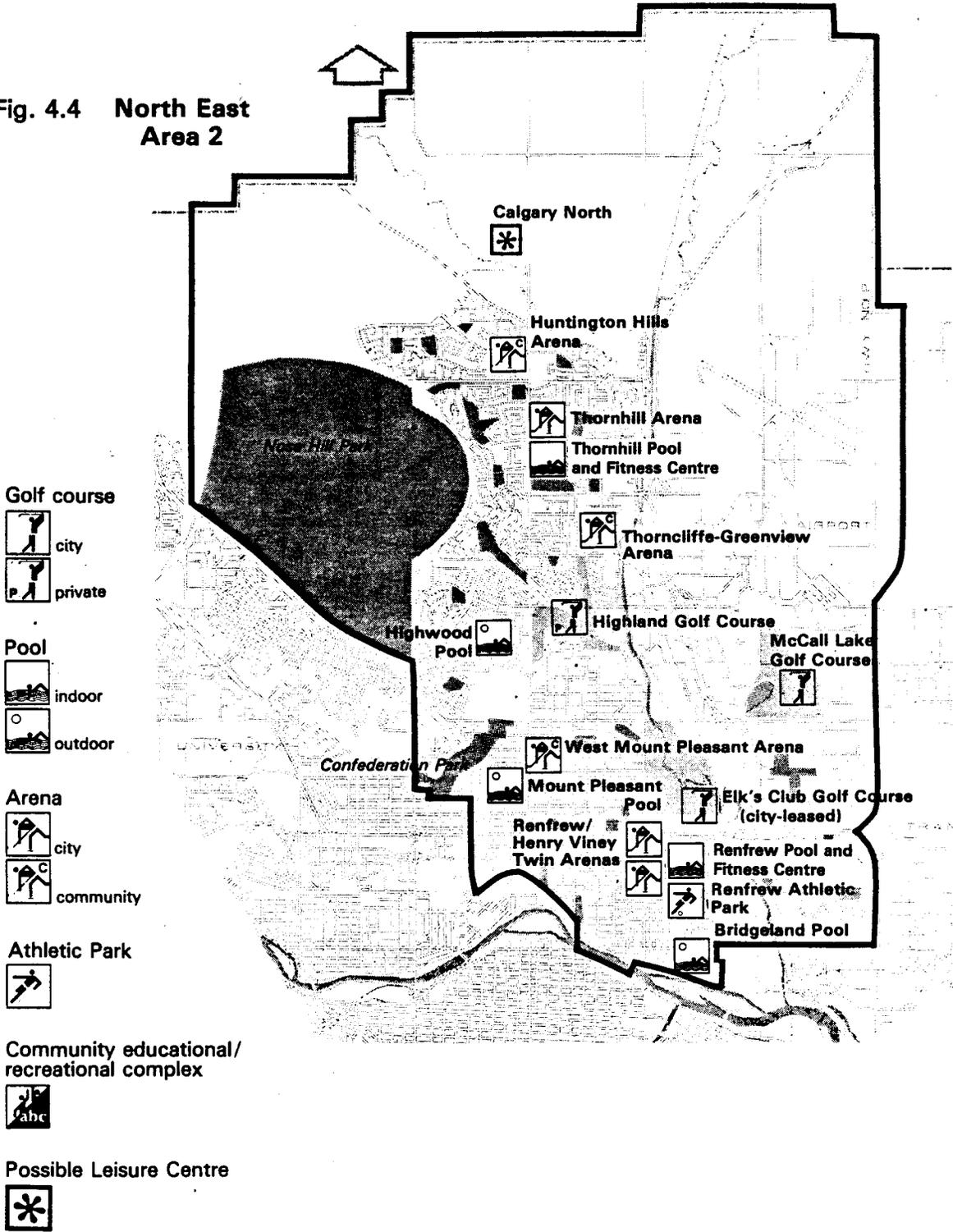
Arena

- city
- community

Possible Leisure Centre



Fig. 4.4 North East Area 2



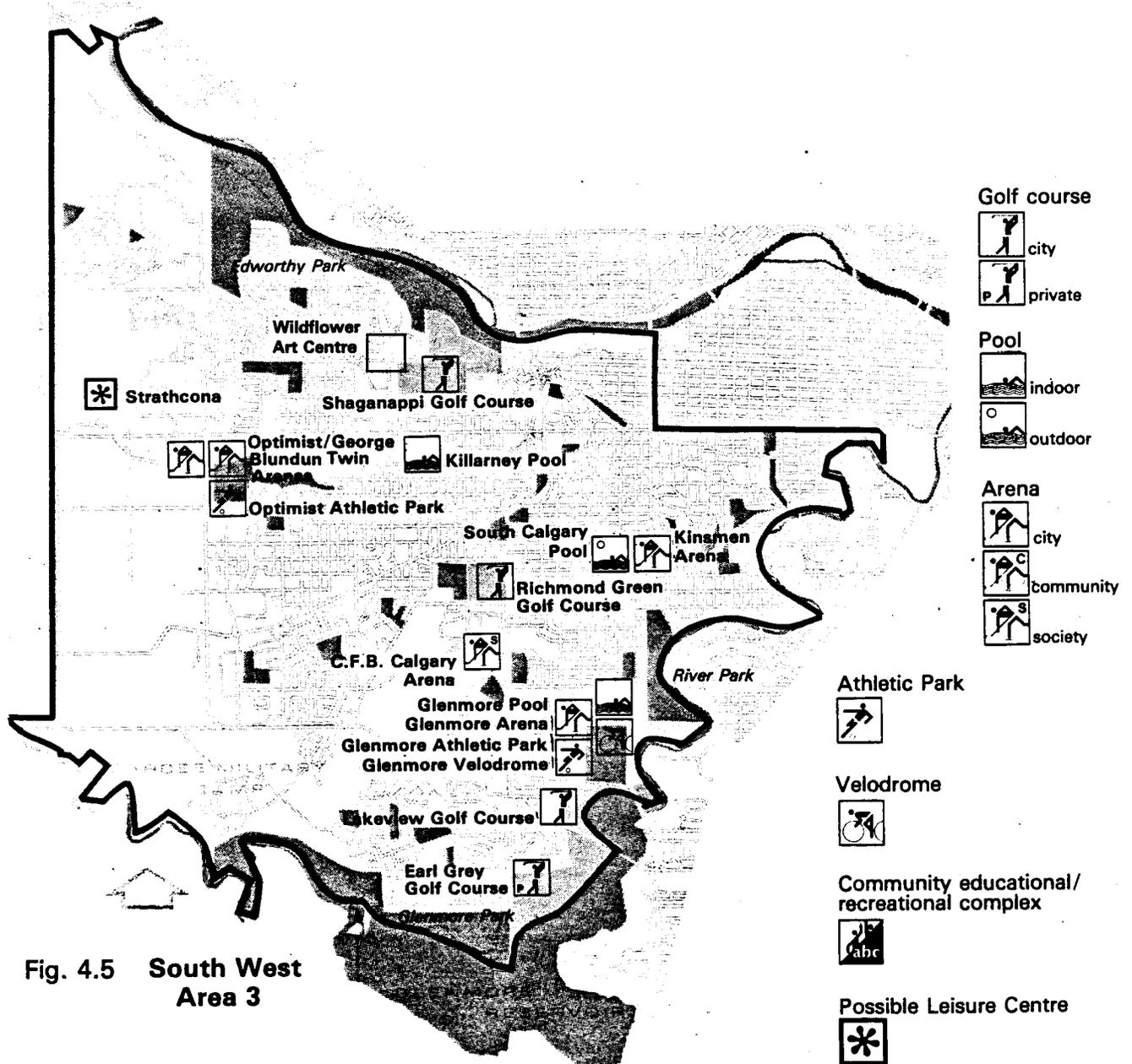


Fig. 4.5 South West Area 3

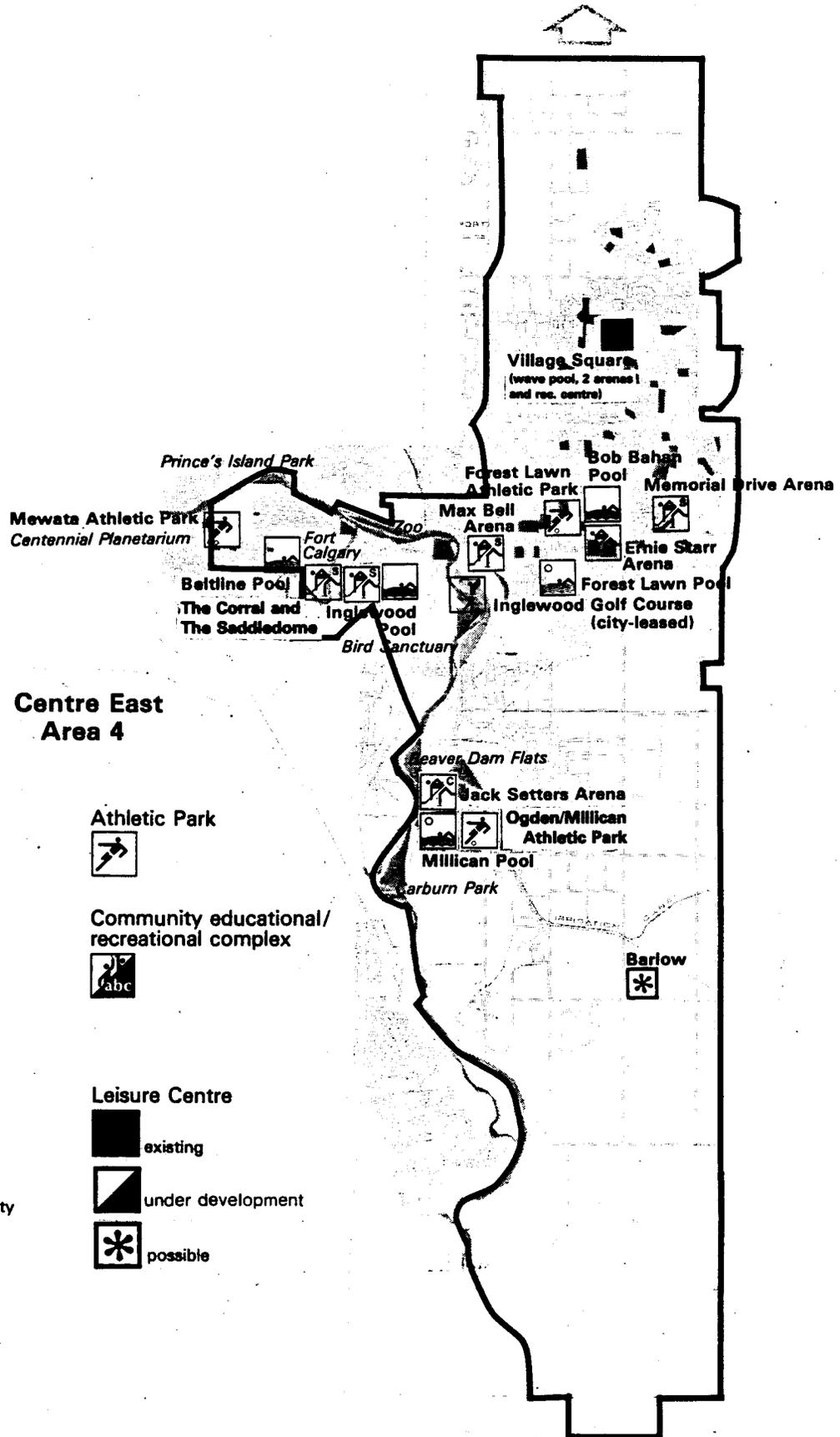


Fig. 4.6 Centre East Area 4

Fig. 4.7 South Area 5

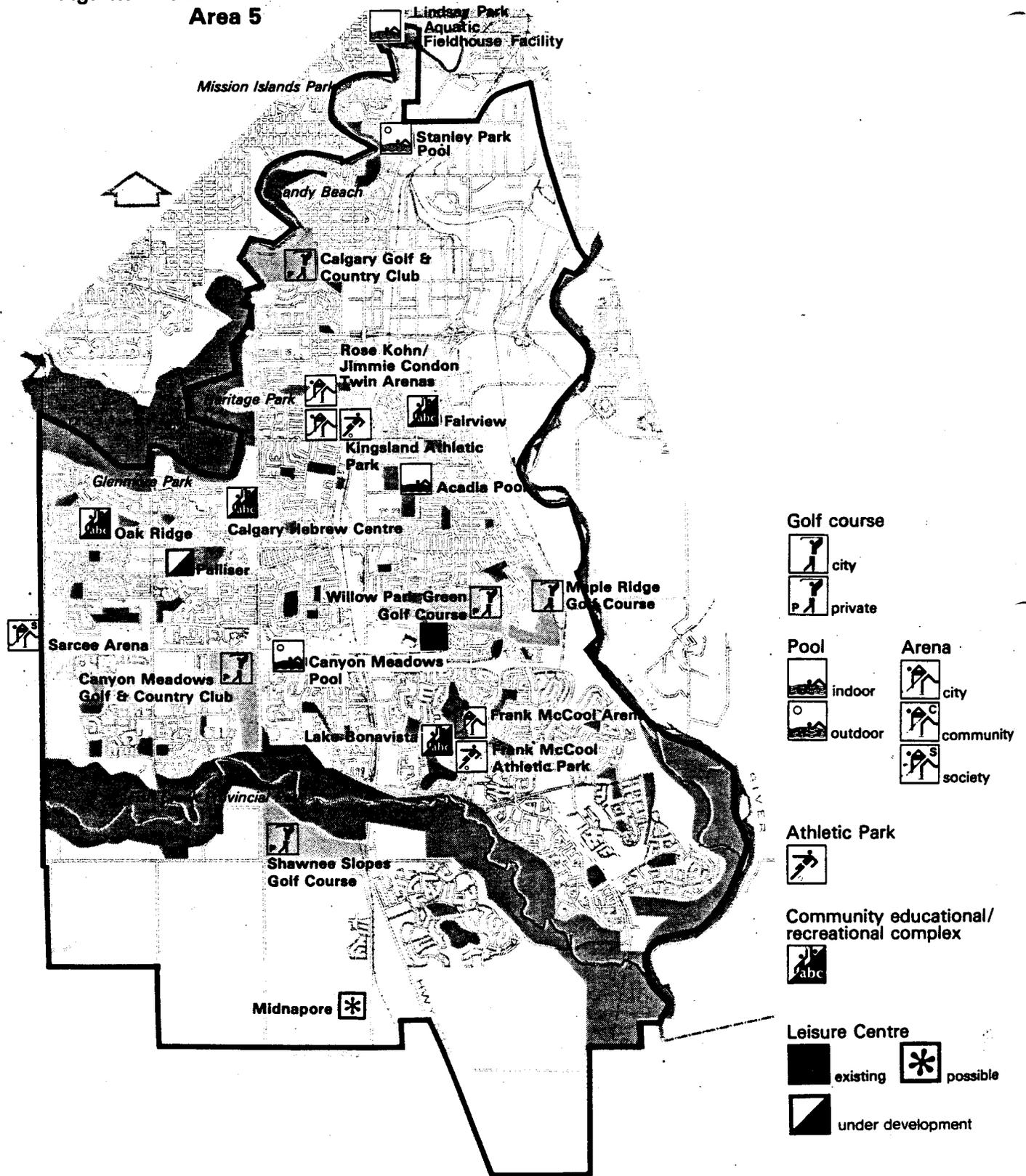
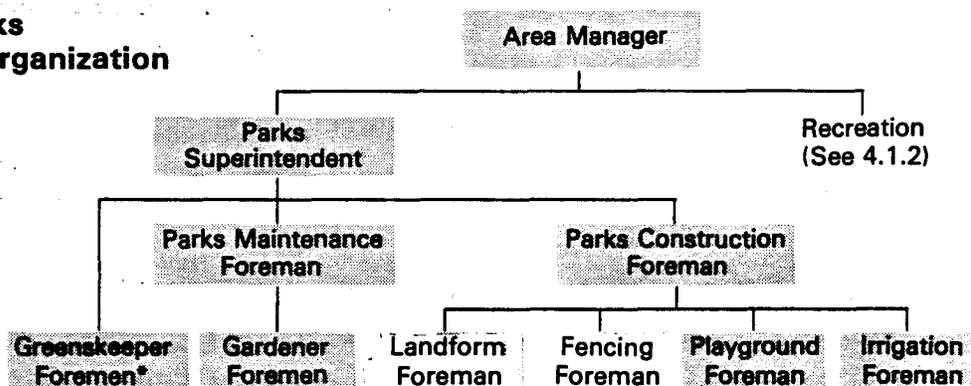


Fig. 4.8 Area Parks Staff Organization



* 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 Construction 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; the Par-3 course and driving range opened in April, 1982.
- 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.)



McCa! Lake Golf Course Driving Range

- 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 sold the T-bar lift and abandoned the downhill operations.

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).

Arenas and pools made in roads into energy conservation programs, utility control programs and building improvement.

The Thornhill Health and Fitness Centre, as part of the Thornhill Pool and Arena Complex at 6725 Simons Valley Drive N.W., completed its first full year of operation in 1982. The centre offers first-class health and fitness opportunities to citizens of Calgary.

Special features include:

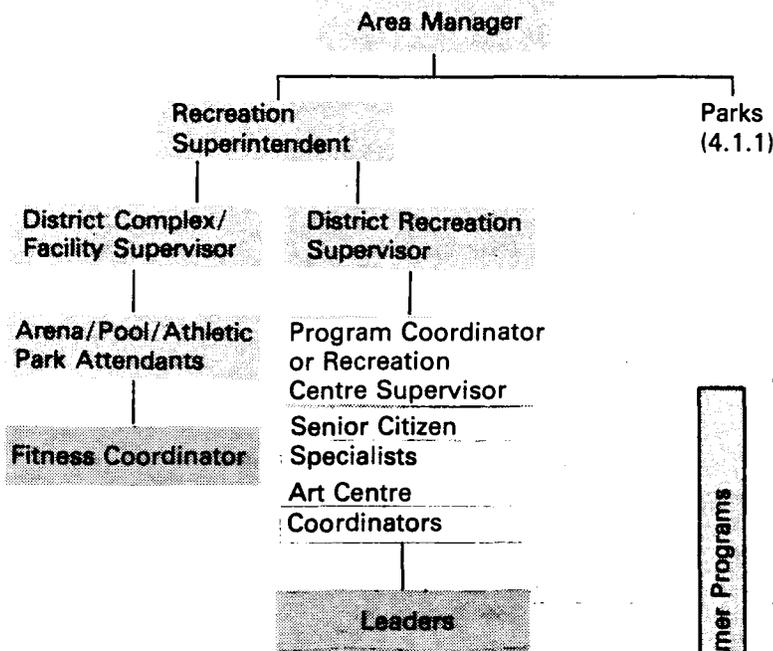
- universal and hydra-gym weight training equipment
- three UV-A double exposure tanning beds
- mens and ladies steam rooms
- locker and shower rooms
- deluxe whirlpool
- open exercise area
- ballet (dance) bar and mirrored wall
- sophisticated sound system

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

The centre programs a balance of scheduled classes and drop-in hours for all ages and fitness needs, eg. senior citizen fitness, ladies' drop-in fitness, individual fitness testing, aerobic dance, men's weight training, and babysitting services. Special promotional events such as a fashion show, nutrition lectures, participation in the Hudson Bay's (retail) Fitness Week and weight training demonstrations have created a positive response from the public as the centre's clientele continues to grow.

Work begun in 1982 will add Renfrew to the list of fitness centres.

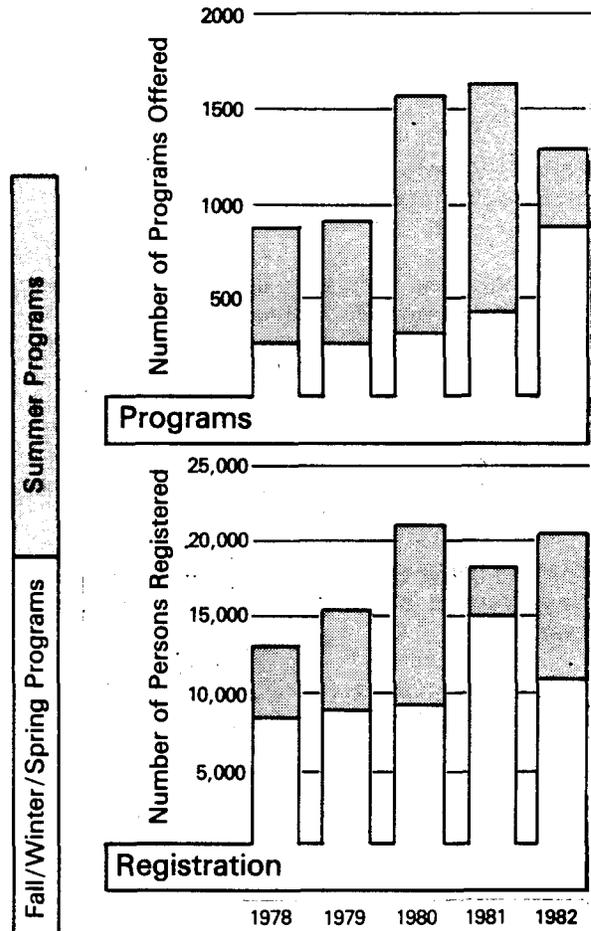
Fig. 4.9 Area Recreation Staff Organization



- Community Leisure Services.** The role of Community Leisure Services changed significantly during 1982. Programs were offered as usual during the winter season. Spring brought with it a budding philosophical and operational shift to a community recreation emphasis by the department. District Recreation Supervisors were asked to "cast off" the last ties to direct programming and to adopt a more consultative and developmental role as facilitators to community groups. Although only a shift in emphasis, not in fact, for many DRS staff, a series of training workshops and forums aided the change.

The Pro-start Grant Program, a program starter grant designed to complement co-sponsored programs, was run as a pilot project in all areas throughout the city with varying success. Summer programs went quite well as in previous years, with Pro-start, co-sponsored and Community programs complementing the traditionally City-run programs. Just as the department was about to get seriously into a com-

Fig. 4.10 Community Leisure Services



munity development role and training staff in that role the budget crunch hit. All 1982 Fall programs were cancelled and communities and staff were into a totally new role. Progress in such a sudden turn over was slow but results started to be seen as the New Year approached.

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 1982.

4.2.1 Aquatics. This year the Aquatics Section purchased a new 20 ft. Boston Whaler and five new Mistral boats to replace worn out boats.

More daytime adult classes were offered this year in May and June, fitted between the very popular School Board courses. Due to demand more advanced adult night courses were given, up to Bronze Sail Level IV.

The Public and Separate School Swim Programs have levelled off to approximately 40,000 per year.

The new Canoe & Rowing Club facility was opened this year with an indoor train tank which will be a boon to the development of first class rowers and canoers as they can now train year round on water.

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

4.2.3 Community Leadership. The Community Leadership Section provides training and development opportunities for current and potential recreation leaders. In 1982 the section ran 14 direct training programs as well as 4 which were offered in co-operation with other sections/areas within the Parks/Recreation Department.

In 1982, 900 people applied for employment as summer recreation leaders. The total number of leaders hired for the summer programs was 288. The recruitment and screening process is coordinated by the Leadership Section.

Fig. 4.11

Aquatic Programs and Services

Sailing

30 Sessions
2500 Participants

Boat Patrol and Rescue
Service - Glenmore Lake
1500 Assessed Rescues

Public Sailboat Parking

107 Racks
388 Single Space
25 Water Mooring

Canoe Safety Program

3500 Participants

Public and Separate School Swim Program

40,000 Participants

Rowing Program

150 Participants

To better prepare our leaders, a Leader's Manual of Policies and Procedures was distributed in June. This manual was compiled by a practicum student from the University of Waterloo. It proved to be a valuable reference for the summer staff.

With the aid of our Public Relations staff, the Leadership Section put together a slide-tape presentation to promote the Junior Leader Training Program. The presentation was an effective tool for use in schools, community displays and in-service training.

The Junior Leader Training Program was offered at 7 locations throughout the City. The summer courses were well attended in all areas. Approximately 60% of the trained Junior Leaders continued to volunteer for the remainder of the summer.

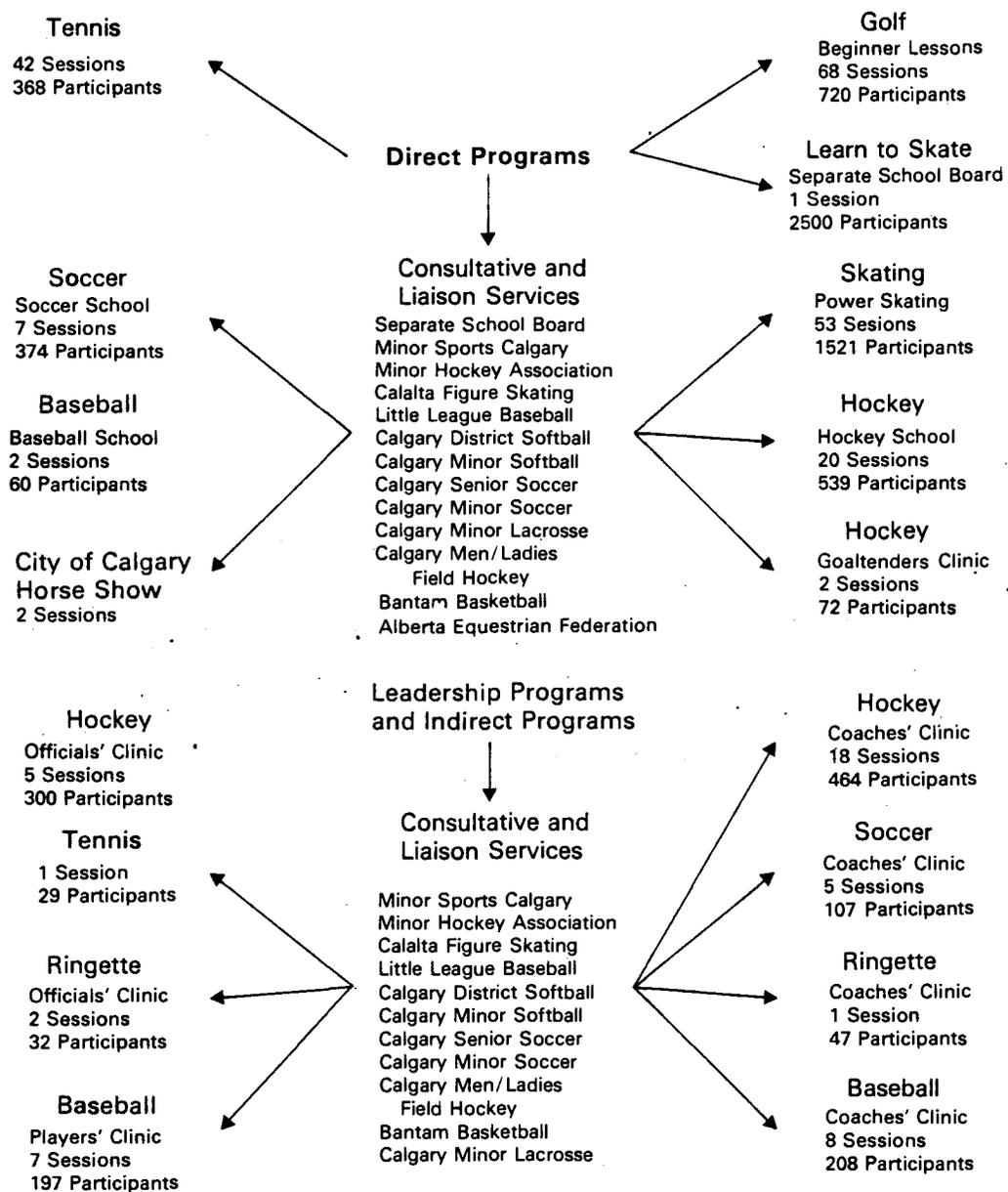


Fig. 4.12 Athletic Programs

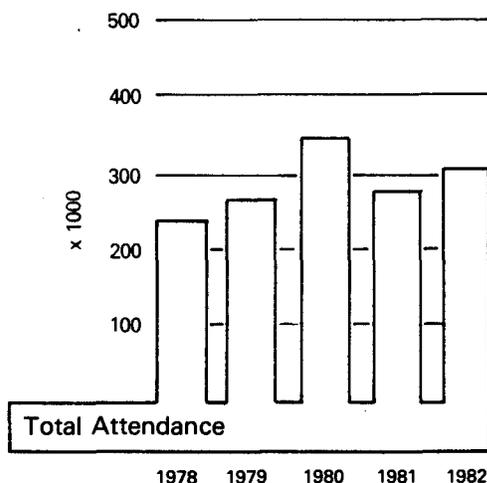


Fig. 4.13 Cultural Activities/
Special Events

4.2.4 Cultural Activities/Special Events. During 1982 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 40,000 copies of the "Arts Calendar" which lists coming events on the Calgary cultural scene. Sixty 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. (p69).

Cultural Activities and Special Events in 1982 included the following:

- **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 scheduled 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.
- **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 1982 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 3rd four hundred senior citizens attended a special social event at Prince's Island Park. A band concert, social dancing, art displays and demonstrations were featured.
- **Devonian Gardens Programs** - From January to December 33 performances were presented in the Devonian Gardens.
- **Visual Arts Exhibitions** - in 1982, 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 1982 four art displays in seniors' centres and community facilities were coordinated 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.
- **Civic Art Collection** - The Cultural Resource Centre of the Parks/Recreation Department is custodian of the Civic Art Collection. 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 2nd: approximately 8,000 people attended the celebrations at Prince's Island Park. The colorful folk dance concert, ethnic food booths and displays were complemented by an exhibit by the Alberta Historical Resources Foundation, a Punch and Judy Show, and a band concert. This program is co-sponsored by the Calgary Folks Arts Council and the Parks/Recreation Department.
- **Canada Day** - July 1st: An estimated crowd of 15,000 people participated in the event at Prince's Island Park. Family-oriented performances included concerts by the PPCL band, Calgary Folk Arts Council, jazz, magic and folk. Highlights of Canada Square were Franco-Albertan folk singers and square dancing, plus exhibits by visual arts organizations, the Government of Canada and the Parks/Recreation Department. Children's activities included Arts and Crafts, games and theatre.

New Events in 1982 included:

- **Autumn Celebrations** - November 11th: About 800 children and adults were entertained at the Jubilee Auditorium. The multicultural presentation included children's folk dance, clowning, drama and puppetry.
- **Calgary Caribbean Festival** - June 26th: An estimated 4,500 Calgarians joined in the fun at Prince's Island Park. People sampled Caribbean treats at booths, watched domino demonstrations and enjoyed the music of steel bands.
- **Calgary Multicultural Theatre Festival** - May 12 to 15: The 2nd Annual Theatre Festival attracted about 1,000 people to the University Theatre at the University of Calgary. Plays of ethnic origin included the Ukrainian Story Theatre for Children, the Chinese Drama Club from Edmonton and others.

Fig. 4.14 Recreation Programs and Services for the Disabled: 1982

Program Description	Program Category	Children		Adults	
		No. of Programs	No. of Participants	No. of Programs	No. of Participants
● Specialized Programs: — specific skill development programs for disabled participants	● Cooperative	10	151	73	838
	● Direct	6	488	2	24
● Hospital Support Programs: — an extension service which facilitates improvement & development of of recreation programs in hospitals	● Cooperative	—	—	109	1,481
● Integrated Programs: — accommodate and challenge disabled and non-disabled participants; encourage increased interaction and involvement	● Cooperative	26	503	11	78
	● Direct				
● Integration Services: — provides support to disabled participants, patients & program instructors to enhance and encourage the involvement of disabled persons in community recreation programs	● Continuing Education/Leisure General Interest Programs	—	—	58	83
	● Community/City Public Recreation Programs	41	83	3	3
	● Leisure Counselling/Referrals	—	—	individual	12
● Leadership Development: — opportunities for staff and/or volunteers to develop and upgrade skills relevant to working with disabled participants; public awareness	● Skill Development Workshops	—	—	21	801
	● Public Education/Service Orientation	—	—	20	357
	● Cooperative Public Awareness Presentation	75	2,830	—	—
	● Volunteer and Staff Training				
	Totals	161	4,113	309	3,833

4.2.5 Recreation Services for the Disabled. During 1982, Recreation Services for the Disabled accomplished the following:

- increased the number and types of leadership services provided.
- increased the number and range of agencies, organizations and hospitals through which cooperative programs and services are being provided.
- designed direct programs to more effectively complement those offered by agencies and organizations, thereby better meeting needs of disabled persons.
- extended and improved integration support services.
- initiated an information and advertising service to assist agencies and organizations in providing information to prospective participants.
- continued to work towards facilitation in the provision of recreation services for disabled persons.

Special projects in 1982 included:

- **Freedom of Choice:** A Community Approach to Recreation Integration for Disabled Citizens. This 17 - minute documen-

tary film profiles the City of Calgary model and network of integration services; it was produced over the summer and premiered October 28th, 1982. The film has been very well received and to date shown throughout Alberta and as far east as Newfoundland and Nova Scotia. The film emphasizes:

- the importance of pooling resources and working cooperatively, as no single agency, organization or government department has all the necessary resources.
- that no single system of integration services works for everyone; however, the film offers practical information to community service providers whether they be volunteer or professional.
- **Accessibility Project:** A study regarding the accessibility of city pools and arenas was completed in 1982. Recommendations for renovations of each facility will be brought forward and the first phase included in the 1983 budget request.

Recreation Services for the Disabled will continue to assess other recreation facilities as requested. A user's guide to accessible facilities will be produced in 1983.

Fig. 4.15 Facilities Booked: 1982

6 groups	—	2 athletic facilities	3 rugby fields	—	40 teams
600 teams	—	43 soccer/football fields	3 field hockey pitches	—	40 teams
780 teams	—	50 softball diamonds	56 baseball diamonds	—	270 teams
505 minor teams 200 adult teams 100 other groups	—	17 arenas	16 picnic sites	—	550 groups
		180 public schools 59 separate schools		—	990 groups



4.2.6 Equestrian Activities: The 17th Annual City of Calgary Horse Show was held June 28th through July 1st, 1982. 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 1982, the 435 available facilities, including schools and McMahon Stadium, were utilized by 10,760 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.

4.2.9 Natural History. In 1982, twelve adult education courses were scheduled in Natural History. Enrollment increased by 6% and revenue by 14%. There were 127 recorded bookings for groups or organizations at the Inglewood Bird Sanctuary; most requested a naturalist and guide. Nature walks were also conducted in Fish Creek Provincial Park, Edworthy Park, Bowmont Park, Sandy Beach and the Weaselhead as time permitted.

Displays were set up in 1982 for Wild Rose Days at Fort Calgary, Canada Day at Prince's Island Park, and the Calgary Teachers Convention at the Convention Centre. Illustrated lectures were presented to the Forest Lawn High School teachers, the Bow River Natural Area Teachers' Workshop on Bowmont Park, at Edworthy Park, at the Inglewood Bird Sanctuary, to the Alberta Teachers Association Spouses, to the Education 501 Course at the University of Calgary, to the Calgary Field Naturalists Society and to the City of Calgary Gardeners.

In 1982, approximately 19,800 people visited the Sanctuary; about 3,900 visited the Sanctuary as part of a group or organization during April, May and June.

Apart from direct programming, the natural history staff participates with other agencies or groups in areas of common interest such as the care of sick or injured birds, rearing of young birds, bird release programs, enforcement of wildlife bylaws, collecting of biophysical data, resource assessment and management, and environmental education.

The natural history staff was also involved in the following projects:

- Environmental Reserves in Crowchild IV
- Glacial erratics in Stoney Subdivision
- Park Zoning
- Amphitheatre proposal for Prince's Island
- Burnco proposal for Carburn Park
- Riverside Park in Douglasdale Estates
- Nose Hill Steering Committee
- North West Bypass
- Areas of Douglas Fir along Bow River from Bowness to Bearspaw Dam
- Bearspaw Master Plan
- Clearwater Master Plan
- irrigation canal from Pearce Estate to east City Limits
- Bayview Bird Sanctuary east of Sailing School
- Glenmore Park Master Plan

The following projects and areas of responsibility were initiated in 1982; some are completed, but the majority are on-going:

- primary contact for the Children's Hospital in cases of poisoning by vascular plants
- Ellis Bird Farm - on Board of Directors and Chairman of Research Committee
- publication of new bird check list for Inglewood Bird Sanctuary
- started herbarium and insect collection at Inglewood Bird Sanctuary
- started a system for recording public contacts
- received permission from the Alberta Ornithological Records Committee to store all bird-sighting records at Inglewood Bird Sanctuary
- initiated a Natural History Brochure
- wrote a section for the Calgary Region Annual Bird Report
- wrote an article on winter birds for the Calgary Herald
- instituted a wildlife information line for Calgary citizens.

Major new projects completed at the Sanctuary in 1982 included:

- planting trees along berm and in north pasture
- cutting an experimental area of the north pasture
- doubling the size of the pheasant pens
- starting to reclaim some pathway areas in natural environment
- closing of picnic area, to be reclaimed to natural area



4.2.10 Outdoor Recreation. In 1982, the Outdoor Recreation Section concentrated on three areas: direct or co-sponsored programs (40% of the year), facilitation with Outdoor Recreation Communities (40%), and leadership development (20%).

Direct programming resulted in 60-85% participant registration. Co-sponsored programs proved very useful, especially in the area of teen programming with the Boys & Girls Clubs. This is one of the few teen programs that the Parks/Recreation Department offers and it was very successful in 1982, showing 92% participant registration.

Facilitation with Outdoor Recreation based communities involved the following:

- public relations
- promotion - ski display, direct and/or joint advertising
- grant assistance
- facility and equipment useage
- needs and preferences studies
- consulting services - advising clubs, etc.
- referral service
- interagency planning and co-ordination
- Leadership Development

The degree to which the Outdoor Recreation Section interacts with these various clubs, agencies, etc., depends on their present status, needs and clientele populace. Two councils now exist to culminate some of these groups: the Calgary Cross-Country Ski Council and the Calgary Area Outdoor Council. Leadership development was both direct and co-sponsored with other agencies.

4.2.11 Public Relations. The Public Relations Section continued to play its role as advisor and supporter to the Parks/Recreation Department.

It provided a great diversity of support and assistance in the promotional development and publicity for the different services available to the public. The production and release of winter and summer program brochures, for example, was an on-going job for this section.

Displays were manned at several trade shows and shopping malls. In the Home and Garden Show, the Parks/Recreation Department received a blue ribbon award for excellence in creative design. There was a great deal of public interest in the facilities and services the Department provides.

The Public Relations Section also coordinated or assisted with other promotions and special events. Arbor Day, Canada Day and Heritage Day were three such occasions in which the Section was actively involved.

Visual aid materials were utilized as valuable supports in public presentations and special programs. The Public Relations Section assisted in the production of a 16 mm film and slide-tape presentations. "Freedom of Choice: A Community Approach to Integration", a documentary film about local integration opportunities, was coordinated with the Recreation Services for the Disabled, the Public Information Department and a local production company. A colourful and informative slide presentation was produced by the Public Relations Section for the new Village Square Leisure Centre and for its grand opening in 1983.

The coordination of sod-turning events and grand openings for Park's facilities are the responsibilities of the Public Relations Section. The Nor-West Lawn Bowling Green was opened in 1982 and a ground breaking ceremony for the Renfrew Fitness Centre was also held late in the year.

The Public Relations Section assisted in the placement of newspaper, radio and public notice advertisements. In the summer, the Section also began supplementing Department publicity through the City of Calgary Information Services on cable television.

In 1982, the Public Relations Section published the employee newsletter, "Parks/Recreation News". It is enjoyable reading for many readers because it is informative and entertaining.

The Public Relations Section sees the year ahead as a challenge as it must continue to maintain high levels of services to the Department and public while in a time of economic uncertainty and growing demands.

Retired and Senior Citizens' Programs and Services: 1982

Programs or Services	Number	Number of Participants
● Area Programs		
— Northwest Area 1	82	1,275
— Northeast Area 2	52	853
— Southwest Area 3	56	997
— Centre East Area 4	128	2,124
— South Area 5	54	1,084
Totals	372	6,338
● Travel and Transportation		
— Self-supporting tours (Seniors' Travel Office)	41	1,873
— "Seniors in Motion" Bus	201	5,106
— Van	120	1,182
— Subsidized Transportation (Cardinal Buses)	217	6,532
Totals	538	12,820
● Seniors' Ol-lympyx 60+		
— Winter	—	416
— Summer	—	767
Totals	—	1,183
● Leadership Development and Special Events		
— Seniors' Leadership Program	—	15
— Level I Senior Citizen Fitness Instructor Training	—	33
— Seniors' Day in the Park	—	200
— Pre-retirement Education Presentations	9	355

Outdoor Recreation Programs: 1982

Programs (Direct)	Number of Participants
● Day Camps (4)	734
● Tipi Camps (1)	270
● Cross-Country Skiing (Winter only)	320
Leadership Development (Direct)	
● Day Camp Leaders	30
● Day Camp Junior Leaders	20
● Tipi Camp Leaders	12
● Tipi Camp Junior Leaders	7
Co-sponsored (with agencies)	
● C.A.N.S.I. I & II (Canadian Alliance for Nordic Ski Instructors)	30
● Teen Adventure Staff (Parks/Recreation South Area Office and Calgary Boys & Girls Clubs)	15
● River Rescue Workshop (Calgary White Water Club)	60

4.2.12 Retired and Senior Citizens Programs. In 1982, approximately 6,338 Retired/Senior Citizens were enrolled in a variety of special interest and recreation programs offered through the five Recreation Areas. This represented a substantial increase of 40% in the number of participants in Senior Citizens Programs.

In the Retired/Senior Citizens Section a 14 passenger van was added as a vehicle of service in addition to the "Seniors In Motion" bus. Self supporting tours increased in popularity, with 41 tours offered and over 1800 Seniors participating in these tours. 1982 also saw the revitalization of a city wide Seniors Leadership program and continuation of Seniors Fitness leadership training.

The Ol-lympyx 60+ program enrolled more than 1,100 Seniors in over 20 different competitive activities. (Winter & Summer). Winners of these events in Calgary, (127 Seniors) went on to participate in the 2nd Alberta Seniors Games in Camrose. Special Events continued with Seniors Day In the Park, Mall Days and other events in each of the five areas.

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
- 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 all vehicles plus hired and city 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.

Approximately 1,500 work orders were issued to clean up weeds on parcels of land involving City responsibility. Co-operation continued between Alberta Agriculture and the City regarding the destruction of the restricted weed Nodding Thistle.

- **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 1982 the Provincial grant provided 55% of costs with the per capita share being \$0.20 for the City and \$0.24 for the Province. Application of approved chemicals to mosquito-bearing standing water was done on 11,990 hectares of water by helicopter, and on 193 hectares of water and 756 kilometres of ditches by ground crews.

In 1982, comprehensive remapping of all standing water locations was substantially completed for most sections within the City of Calgary. A special mapping project was undertaken of all standing water located within Fish Creek Park as part of the on-going mapping necessary for 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 Greenhouses operated the second year of plant production with the 2,160 square metres under glass, and a service building containing 1,200 square metres fully meeting the demand.

The greenhouse with a 1982 variable inventory of approximately 25,000 to 350,000 plants, propagates and produces tropical, flowering and annual plants for City indoor and outdoor parks, offices, functions and displays.

- Greenhouse addition - A special lease arrangement has been made with Sprung Instant Structures Ltd., in 1981. The purpose of the lease is to erect and operate experimental greenhouses including one to be operated by the City.

Sprung erected eight greenhouses of various sizes in 1981 and completed the ninth abutting the existing City glass greenhouses in November of 1982 for Parks use starting early in 1983. While this 697 square metre instant structure provides additional production space on an experimental basis, its suitability for plant growing has still to be determined.

- 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 of passive recreation area for the public. In 1982 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 1982 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 2,800 plants in sixteen City Departments are maintained by this section, with replacement and new plantings as requested.



Fig. 4.20 Greenhouse Revenues and Expenditures: 1981 - 1982

• Revenues	1981	1982
Sales of Goods	\$254,827	\$230,000
Provincial Interest Subsidy	\$ 45,000	\$ 54,000
Inventory	\$ 72,418	\$ 80,400
	Total	\$372,245 \$364,400
• Expenditures:		
Operating Expenditures - (direct)	\$201,678	\$300,000
Interest and Encumbrance	\$170,340	\$168,000
	Total	\$372,018 \$468,000

4.3.4 Nurseries and Tree Farms: The department operates two nurseries 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 63,986 trees and 33,081 shrubs located at the N.E. Nursery, Glenmore Nursery, Edworthy Park Tree Farm, Shepard Tree Farm and Queen's Park Tree Farm were maintained in 1982.

In 1982 construction continued at the N.E. Nursery. Work included 32nd Avenue windbreak planting, lagoon landscaping, boulevard loaming and seeding, installation of irrigation, soil modifications throughout the nursery and construction of roadways.

Upgrading work at Shepard Tree Farm included removal of inferior stock, grading and loaming, and improving the compound area and roadways.

Arbor Day was again supported by the Nursery in 1982. 10,000 spruce seedlings were packaged and distributed to Grade III students in Calgary. A donation of one twenty-five-foot Ascending Elm and sixteen three-foot Spruce was made to Woodlands School, host of the 1982 ceremony.



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, 1983; and 5) Queen's Park Cemetery, 1940. The cemeteries total 95.52 hectares, of which 23 hectares are still available, sufficient to meet needs until the end of the century. (pp.73-74).

Fig. 4.20 Nursery Revenues and Expenditures: 1981 and 1982

	1981	1982
● Revenues		
Sales of Goods	\$664,284	\$650,000
Interest Rebate	\$ 5,000	
Total	\$669,284	
Inventory (year end)		\$442,595
● Expenditures:		
Operating Costs (direct)	\$486,601	\$593,000
	\$ 19,000	
Total	\$505,601	
Surplus	\$163,683	

Fig. 4.21 Cemeteries Revenues and Expenditures: 1981 and 1982

	1981	1982
● Burials		
Costs	\$273,705	\$281,062
Revenues	\$304,768	\$332,434
● Perpetual Care		
Costs	\$776,121	\$821,059
Revenues	\$350,576	\$450,848
Total Deficit	\$394,482	\$318,839
	(62% recovery)	(71% recovery)

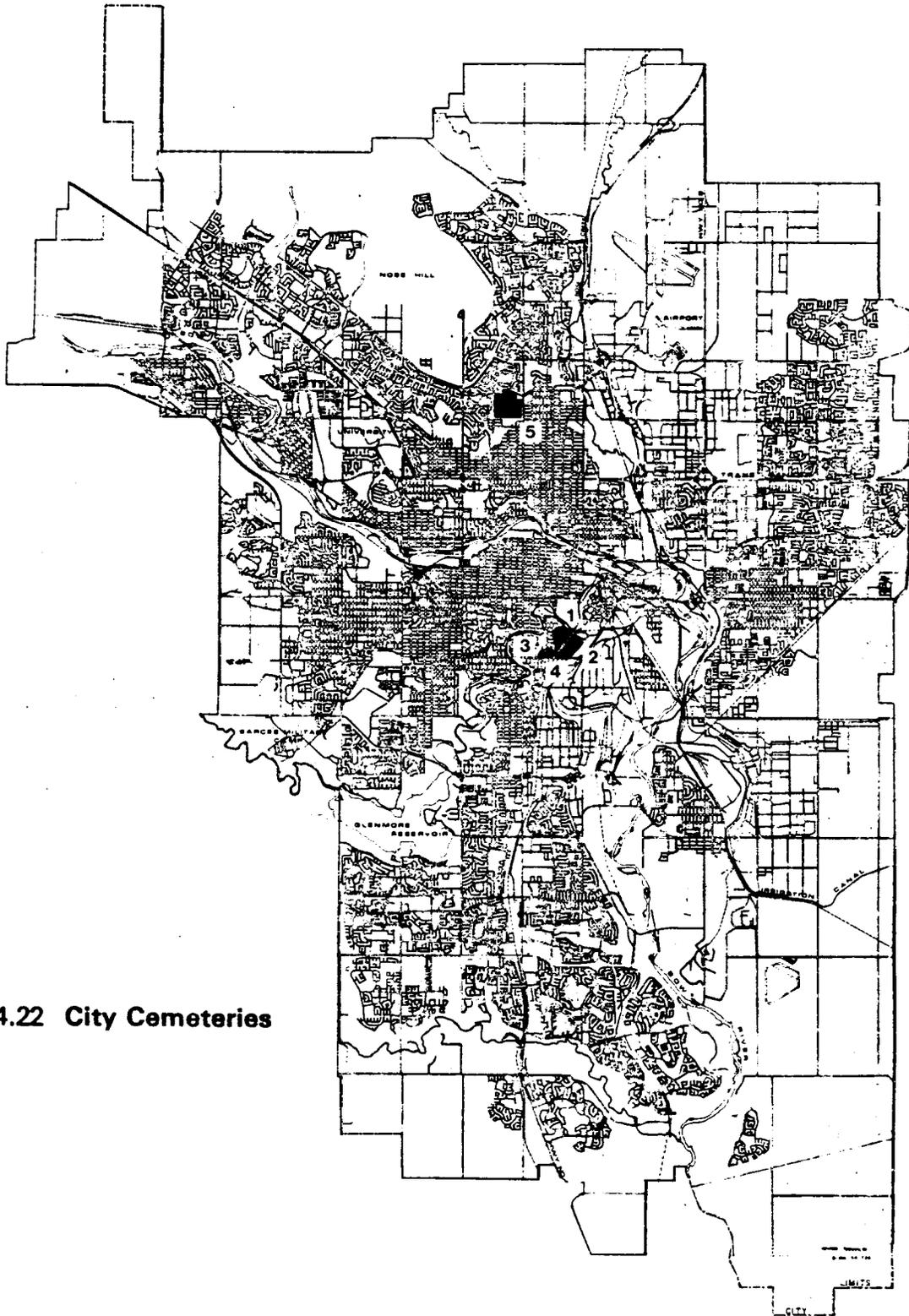


Fig. 4.22 City Cemeteries

Associated Operations

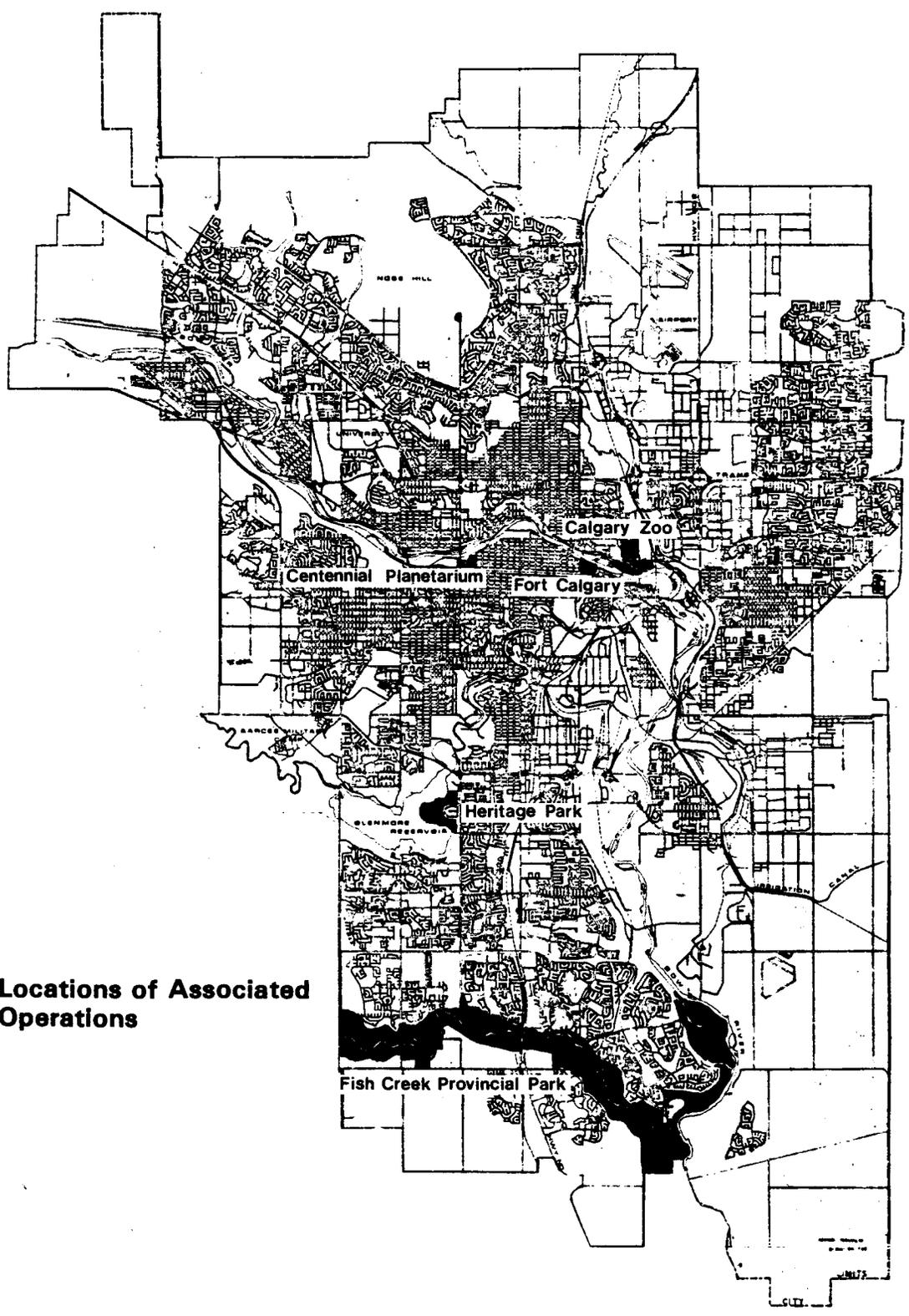


Fig. 5.2 Locations of Associated Operations

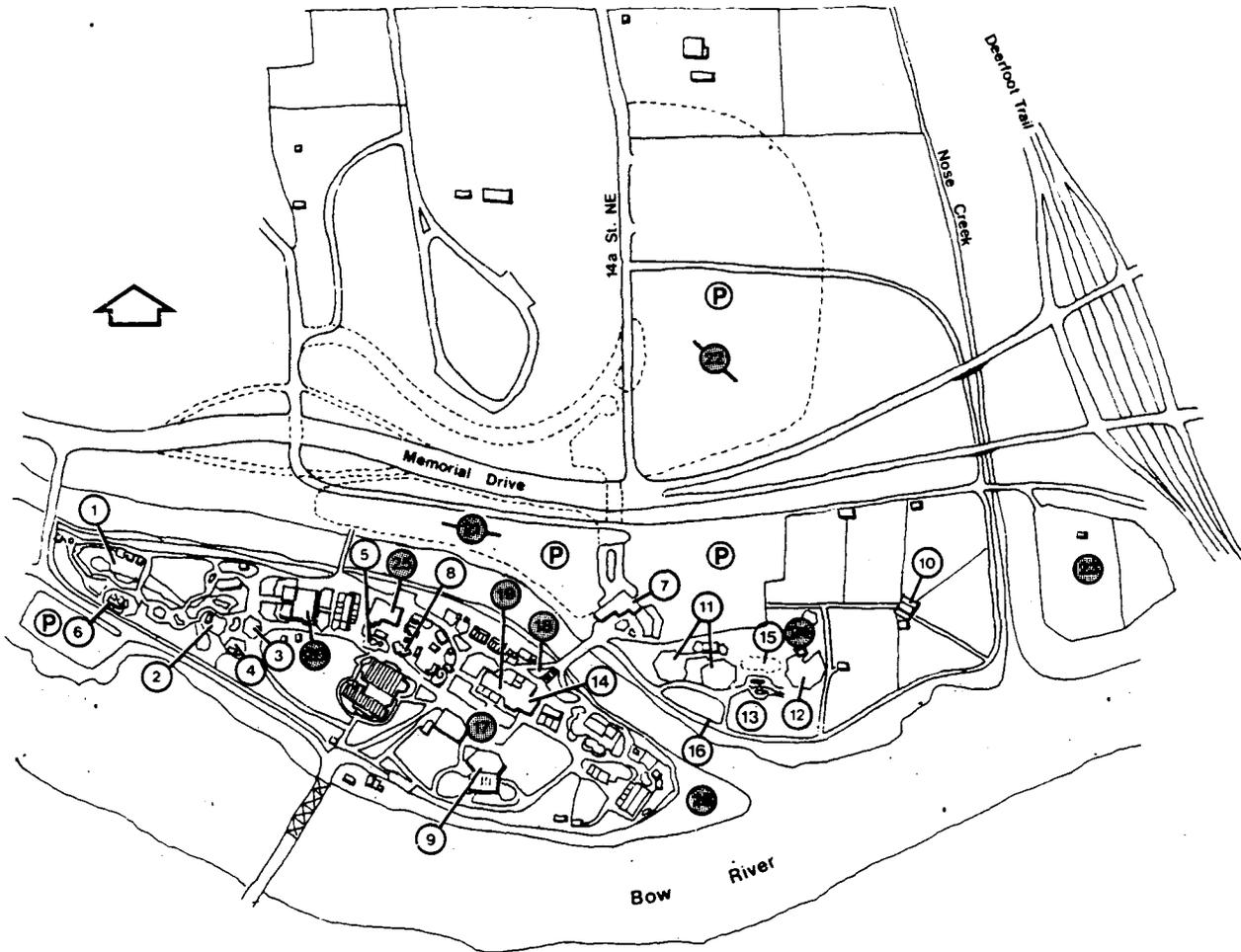


Fig. 5.3 Calgary Zoo Redevelopment Program 1976 - 1982

1976-1981

- 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

- 14. Temporary Primate Facility
 - 15. Eagle Aviary - North American Exhibit
 - 16. Landscaping, roadways-North American Exhibit
- Construction Completed 1982:**
- 17. Snack Bar Addition
 - 18. Hospital Renovations
 - 19. Reptile House
 - 20. Elephant House Addition

Under Development 1983:

- 21. The Prehistoric Park
- 22. Zoo Parking and Access
- 23. Hospital/Quarantine
- 24. Birds of Prey - phase 2
- 25. Permanent Primate Complex
- 26. Swift Fox breeding and research enclosures



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 exhibition of fauna and flora, with an emphasis on quality, to build a facility that meets educational and conservational needs 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 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 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 1982:** Projects Completed: The Elephant House addition was completed during the summer, primarily to safely house a maturing bull elephant. The Reptile House was completed in early spring and the extensive reptile collection is now back on display in habitat exhibits. The Snack Bar addition was also completed in early spring. The Hospital underwent minor renovations to enhance the usable space. The former curator's residence was effectively renovated into Education offices and meeting rooms. The existing offices were renovated to accommodate staff changes.

Projects under construction: The Prehistoric Park continued development towards its anticipated opening in 1983. The Zoo parking and access road continues to be developed. The shell of the Primate Building is essentially complete and awaits habitat development which should start in 1983. Projects started in 1982: The North American Birds of Prey enclosures were started and should be finished by the spring of 1983. The Swift Fox Breeding and Research enclosures were started and should be complete by early 1983.

• **The Animal Collection:** The 1982 inventory included the following:

Mammals	89 species	348 specimens
Birds	145 species	621 specimens
Reptiles	3 species	106 specimens
Amphibians	8 species	34 specimens
Fish	2 species	201 specimens
Invertebrates	1 species	22 specimens
Total	288 species	1332 specimens

Inventory Summary	1981	1982	1983 (est.)
Species	286	288	300
Specimens	1383	1332	1400

— **Births and Hatchings:** The animal collection remained relatively unchanged. Some acquisitions were made to complete breeding groups and pair structures. Several of the more noteworthy births and hatchings were:

3 Spectacled Bears	1 Bobcat
3 Red Kangaroo	1 Stone Sheep
1 Reticulated Giraffe	5 Sparrow Hawks
2 Barn Owls	1 Llama
2 Reeve's Muntjac	3 Alpine Ibex
1 Addax	2 Red Crested Pochard
1 Ring-tailed Lemur	3 Mule Deer
2 Coscoroba Swan	1 Fruit Bat
2 Ne-Ne Goose	18 Mandarin Duck
3 Ruffed Lemur	3 Pacific Brant
1 Japanese Macaque	3 Dall's Sheep
8 Grey Wolf	8 Red Head Duck
2 Musk-ox	5 Bahama Pintail Duck
3 Bighorn Sheep	1 Harbour Seal
1 Douroucouli	6 Red-sided Garter Snake
4 Blue Peafowl	

The value of the existing animal collection as of December 1982 based on replacement value suggests that the collection is worth approximately \$660,000.

• **The Horticultural Collection:** The horticultural collection remained fairly constant in 1982. Since this year was one of a change of management, no major projects were undertaken on the grounds. In the Conservatory, however, the Display House was redesigned with the intention of creating a rock garden atmosphere. This change has been well received by all. Also in the Conservatory an African Violet show featuring 500 varieties was held in August. Much public interest was created, both in the show and the sale which followed. Now that the horticultural staffing is complete, planning is underway for new programs in the next few years.

**Calgary Zoo
1982 Capital Expenditures (\$6,671,000)**

Calgary Zoological Society \$1,423,000	Master Plan Exhibits	\$1,203,000
	Prehistoric Park	\$ 126,000
	Capital Equipment	\$ 76,000
	Purchase of Specimens	\$ 18,000
City of Calgary \$5,248,000	Memorial Drive Access/Parking	\$2,501,000
	Master Plan Exhibits	\$1,494,000
	Prehistoric Park	\$1,253,000

• **Attendance and Memberships:** A total of 614,758 visitors passed through the Zoo gates, down 15% from the previous year. At years end the zoological society membership was 9451, up over 50% from the previous year.

**Calgary Zoo
1982 Operating Expenditures (\$4,665,817)**

Calgary Zoological Society \$1,776,817		Concessions	\$ 780,353
		Administration/General	\$ 292,612
		Operating Overruns to City	\$ 270,642
		Admission/Memberships	\$ 188,674
		Education	\$ 160,360
		Maintenance/Repairs	\$ 84,176
City of Calgary \$2,889,000		Care of Animals	\$1,179,000
		Building Maintenance	\$ 572,000
		Outdoor Horticulture/Grounds	\$ 385,000
		Indoor Horticulture	\$ 259,000
		Administration	\$ 209,000
		Security	\$ 169,000
		Veterinary Services	\$ 116,000



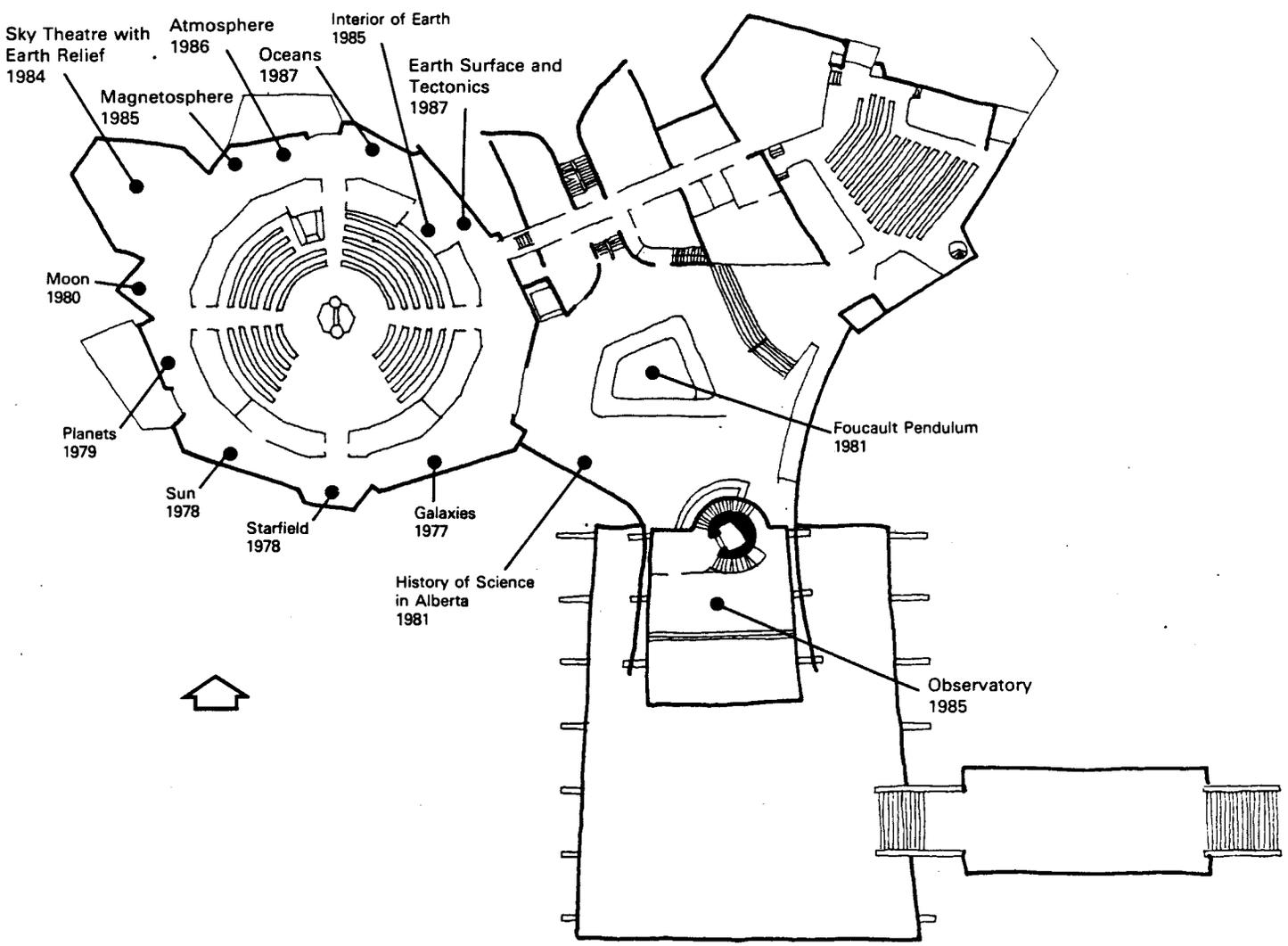
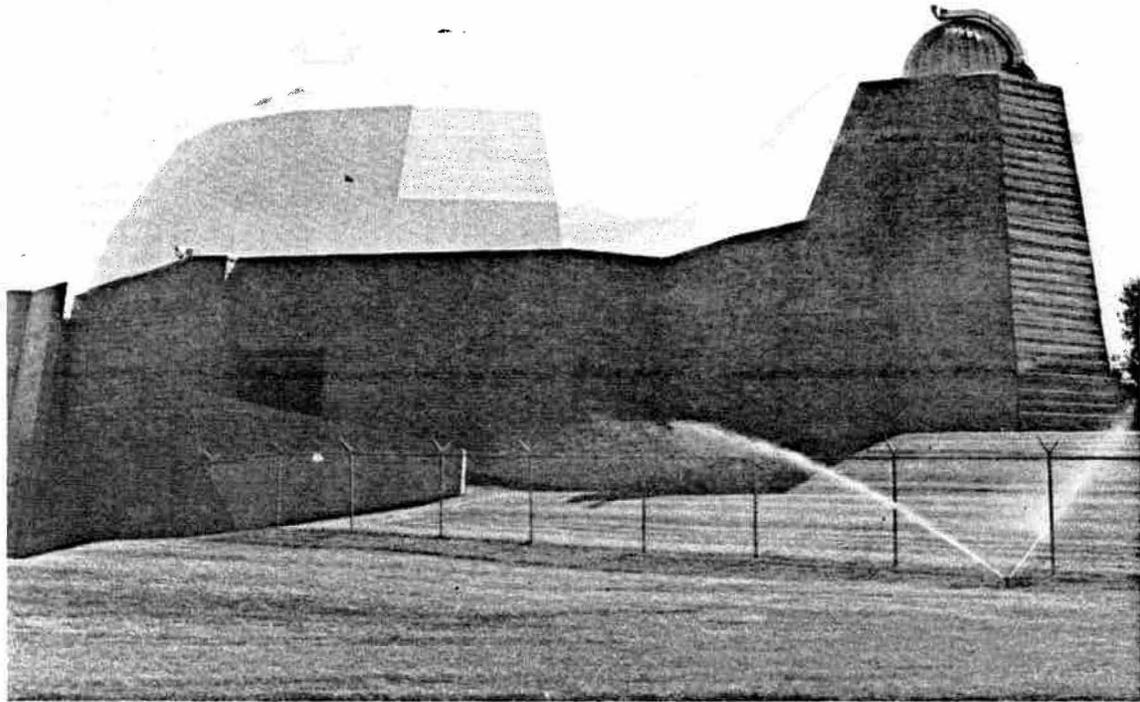


Fig. 5.5 The Calgary Centennial Planetarium (Main Floor Plan)

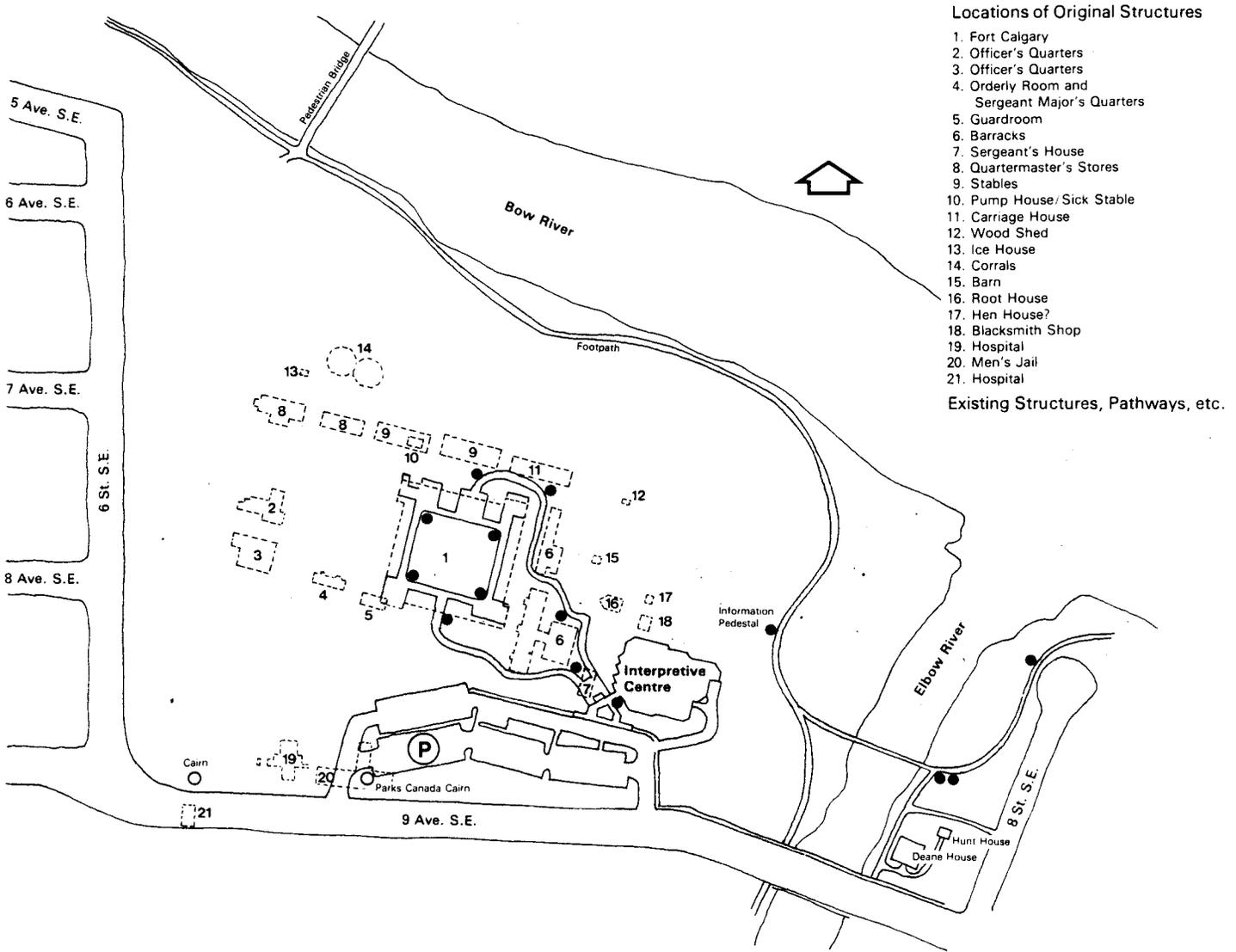


5.2 Centennial Planetarium The Centennial Planetarium Complex was opened to the public on July 1, 1967 as the Centennial Project of the City of Calgary and the surrounding municipal districts. Since then, more than 1.7 million visitors have attended a variety of functions in the building. The 1982 attendance was 91,661, a decrease of 20% of the 1981 attendance but 19% over the 1982 objective.

July was the best attended month with 10,370 visitors; January had the monthly low with 4,901. The Star Chamber accounted for 67% of the total number of visitors, the Pleiades Theatre 24% and the Aero Space Centre 9%.

The Planetarium Complex consists of the following:

- 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.

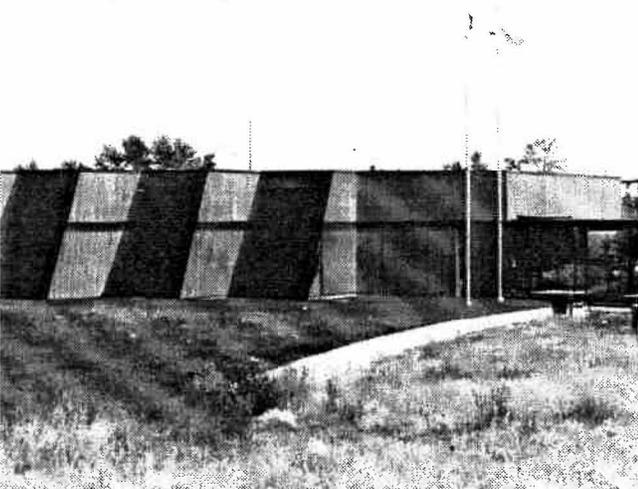
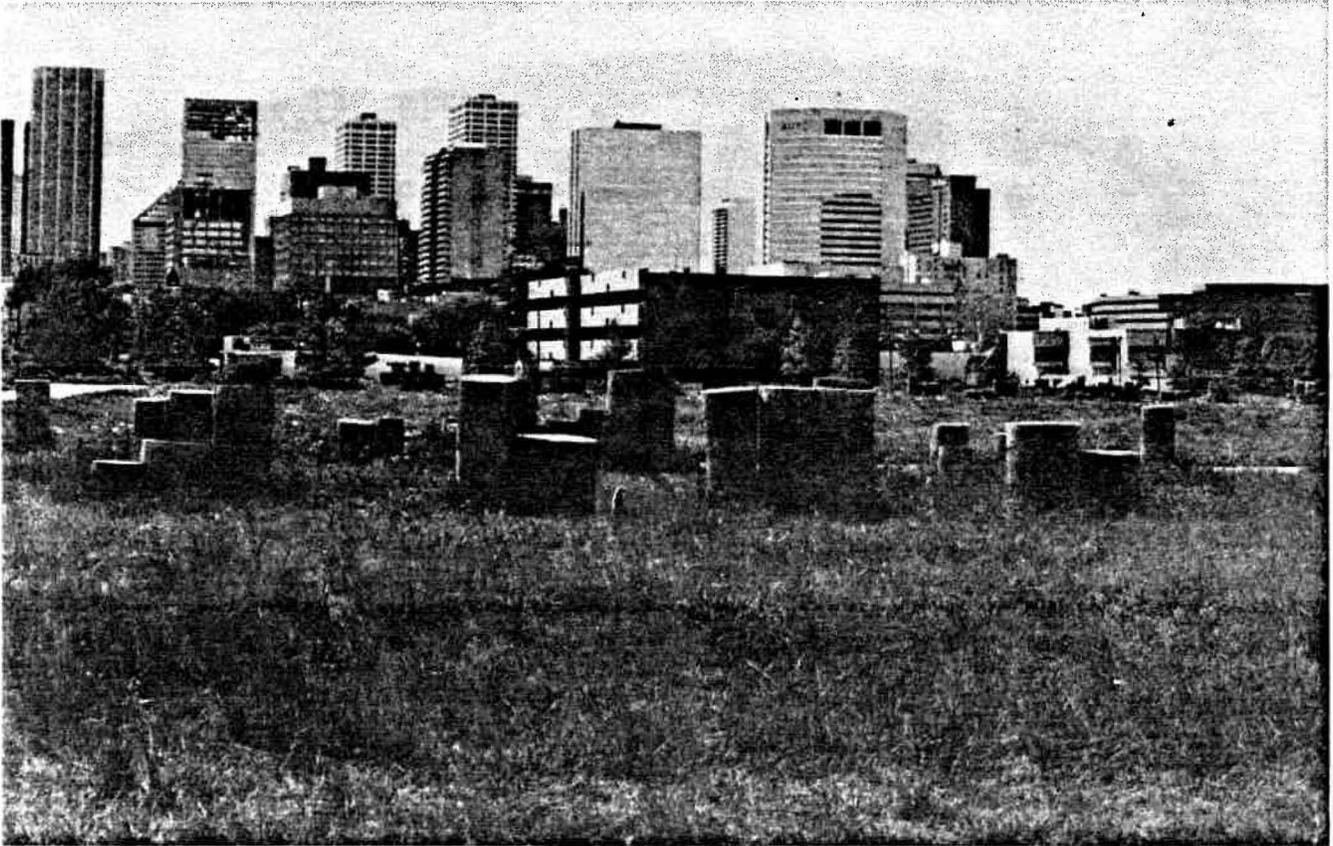


Locations of Original Structures

- 1. Fort Calgary
- 2. Officer's Quarters
- 3. Officer's Quarters
- 4. Orderly Room and Sergeant Major's Quarters
- 5. Guardroom
- 6. Barracks
- 7. Sergeant's House
- 8. Quartermaster's Stores
- 9. Stables
- 10. Pump House/Sick Stable
- 11. Carriage House
- 12. Wood Shed
- 13. Ice House
- 14. Corrals
- 15. Barn
- 16. Root House
- 17. Hen House?
- 18. Blacksmith Shop
- 19. Hospital
- 20. Men's Jail
- 21. Hospital

Existing Structures, Pathways, etc.

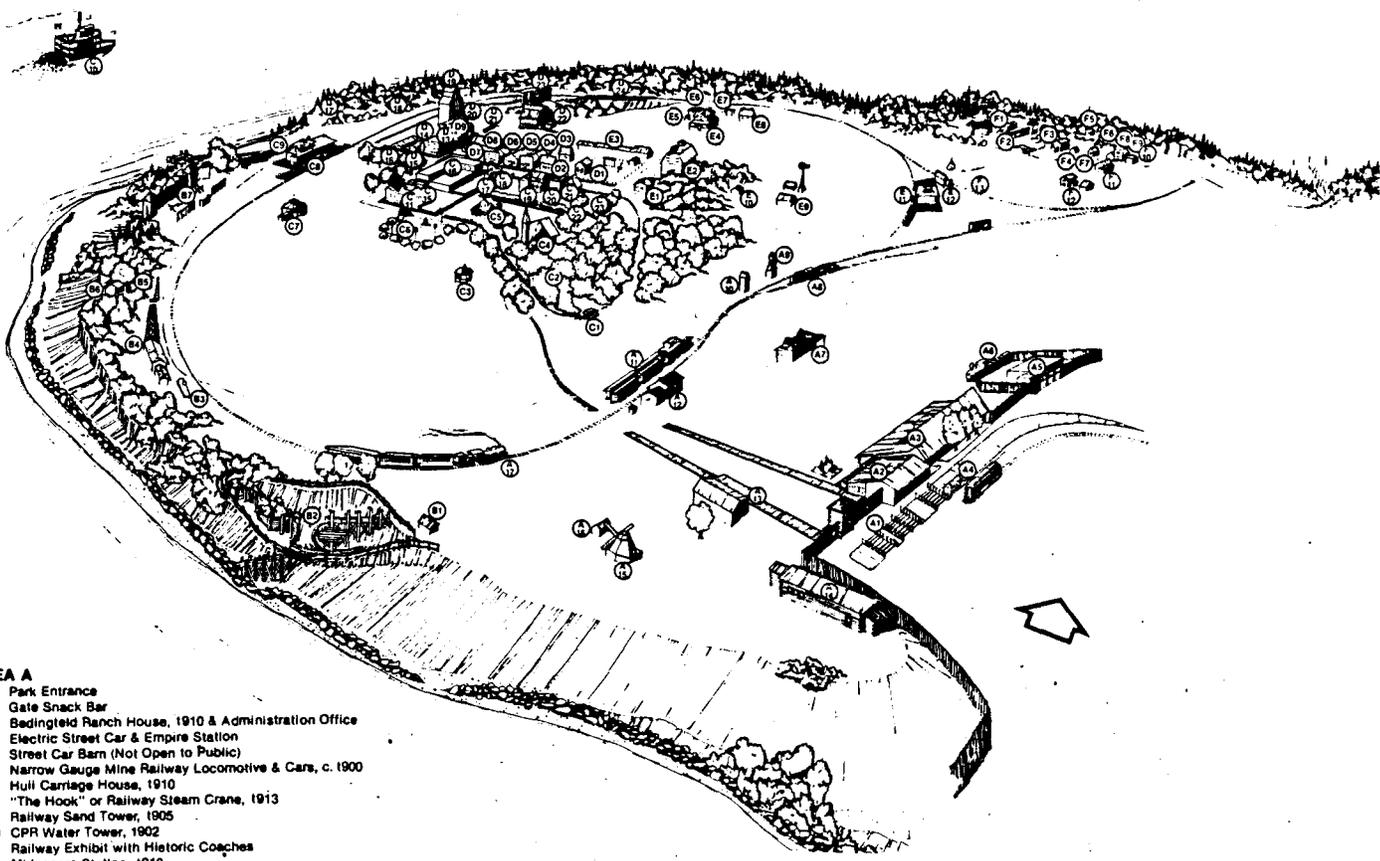
Fig. 5.6 Fort Calgary (Site Plan)



5.3 Fort Calgary. The Fort Calgary Interpretive Centre was opened to the public in May, 1978. No admissions have been levied, and attendance data is based on electronic counts and spot checks. The 1982 attendance was 133,085. 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.

1982 Operating Budget: Fort Calgary.

	Appropriation	Actual
Revenues	\$ 52,000	\$ 55,000
Expenditures	\$362,000	\$362,000
Net Cost	\$310,000	\$307,000



AREA A

- A-1 Park Entrance
- A-2 Gate Snack Bar
- A-3 Bedington 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 Curlo 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 Palisade & 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, 1906
- C-8 Shepard Station, 1910 & Boat Ticket Office
- C-9 The Boat Dock Entrance
- C-10 The S.S. Moyle
- C-11 Vulcan Ice Cream Parlor, 1910
- C-12 Claresholm General Store, 1904
- C-13 Black's Jewelry Store, 1904
- C-14 Botsford Harness Shop, 1906
- C-15 Gladhill'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, 1896
- C-20 Airdrie 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-6 Baron's Pool Hall, 1910
- D-6 Alberta Bakery, 1897
- D-7 Flett's Blacksmith Shop, 1904
- D-8 Nanton Livery Stable, 1910
- D-8 Cochrane Fire Hall, 1909 & Fire Engine, 1912
- D-10 Wing Chong Laundry, c. 1900
- D-11 Dentiel'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 Shonka Grain Elevator, 1908
- 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-4 The Root House
- E-4 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 Draw'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

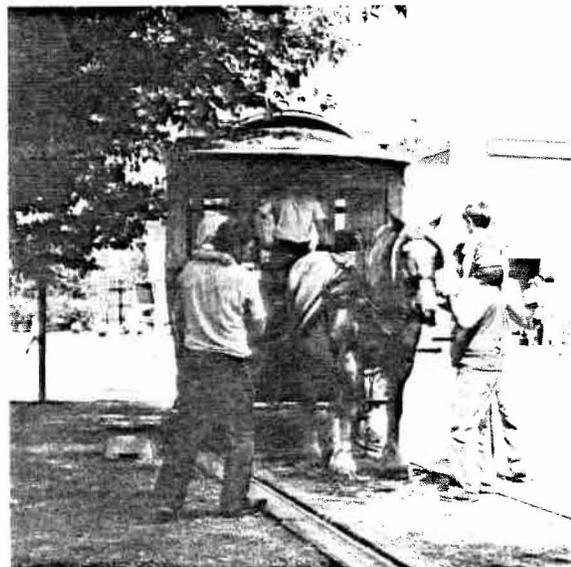
5.4 Heritage Park Heritage Park's 19th operating season was quite successful despite the down turn in the economy and some rainy weekends. Total attendance for 1982 was 317,136 as compared to 359,844 in 1981. Gross revenues from operations in 1982 amounted to \$2,192,677 which was down slightly from \$2,356,332 in 1981.

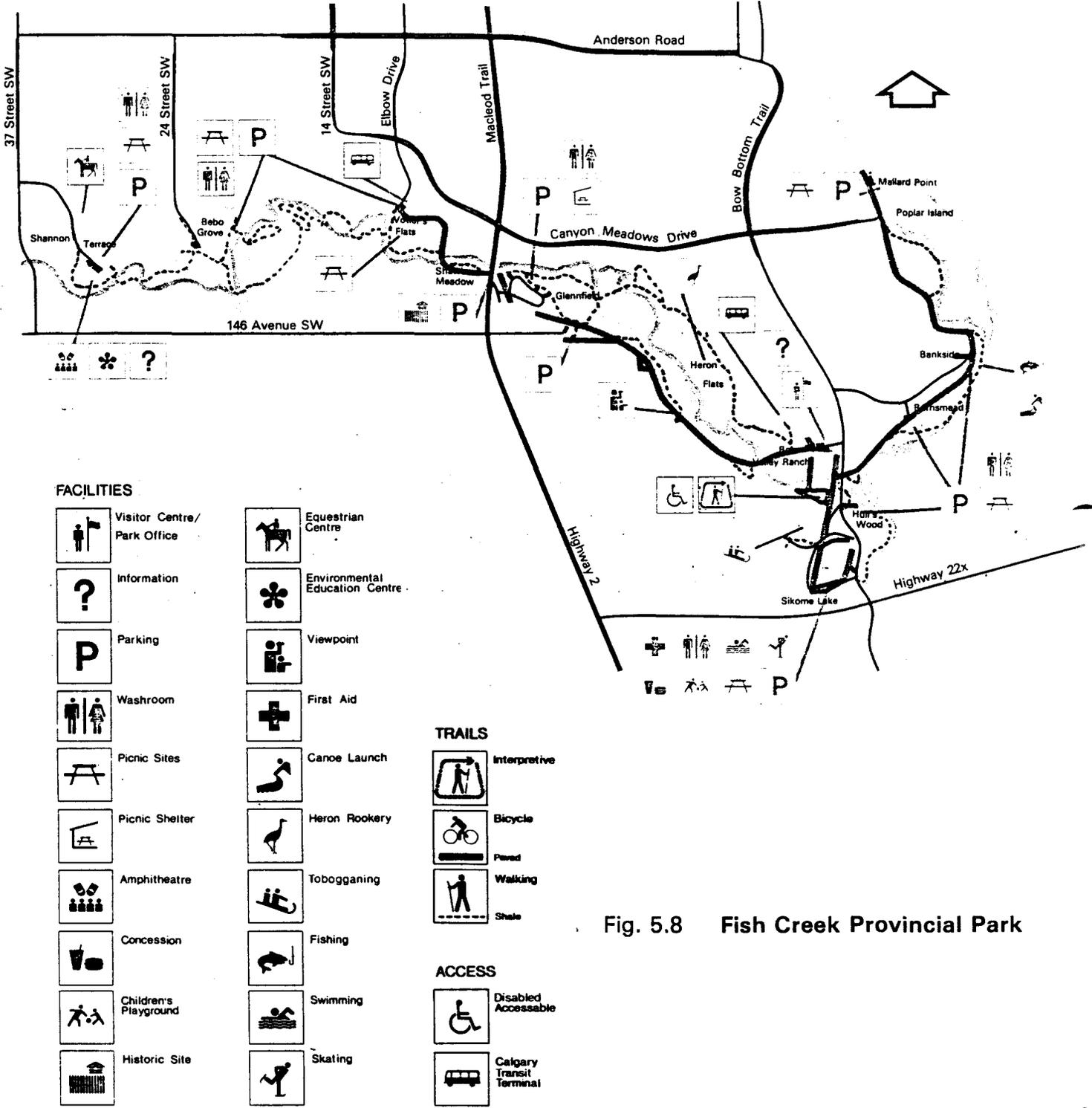
Capital investment in the Park increased by \$515,187 in 1982. Also, in 1982 construction was started on a service building designed to accommodate all in coming deliveries to the park.

During 1982, the City of Calgary contributed \$829,720 to the operating and maintenance costs of the park. By the end of 1982, capital investment in Heritage Park amounted to \$8,116,960.

1982 Park development included the following projects:

- Commenced Restoration on Car 63
- C.P.R. Roundhouse Construction Completed
- Turntable and Trackage Installed
- Restoration of Town Pump
- Acquisition of McLaughlin Buggy
- Acquisition of Hackney Team - Scout and Ranger
- Acquisition of Chautauqua Tent
- Further Development of Fire and Burglar Alarm System
- Improvement of Roads and Parking Lots
- Installation of Air Conditioner in Canmore Opera House
- Extension of Underground Electric Service
- Development of 14th Street Streetcar Parking
- Development of 14th Street Streetcar Shelter
- Further Development of Drew Saloon
- Construction of Weedon School Washrooms
- Commenced Construction of Service Building
- Acquisition of Model T Pie Wagon
- Railway Exhibit Relocated to Roundhouse - York Car, Eatonia 11, Car #76
- Locomotive 2023 - Re-Tired
- Renovations in Administration Office
- Relocation of Narrow Gauge Railway Exhibit
- Installation of Irrigation Sprinkler System





FACILITIES

	Visitor Centre/ Park Office		Equestrian Centre
	Information		Environmental Education Centre
	Parking		Viewpoint
	Washroom		First Aid
	Picnic Sites		Canoe Launch
	Picnic Shelter		Heron Rookery
	Amphitheatre		Tobogganing
	Concession		Fishing
	Children's Playground		Swimming
	Historic Site		Skating

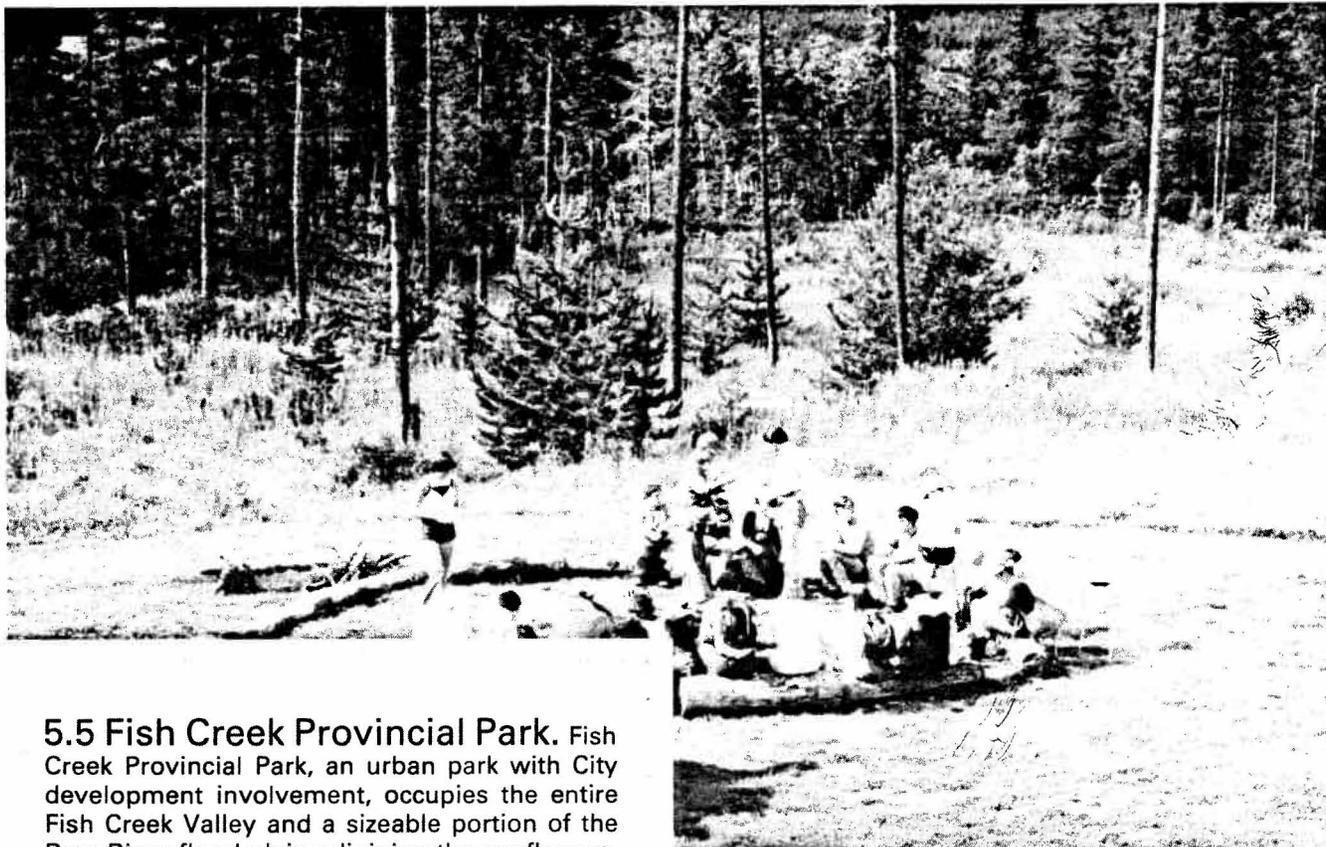
TRAILS

	Interpretive
	Bicycle
	Paved
	Walking
	Shale

ACCESS

	Disabled Accessible
	Calgary Transit Terminal

Fig. 5.8 Fish Creek Provincial Park



5.5 Fish Creek Provincial Park. Fish Creek Provincial Park, an urban 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 1175-hectare park runs almost ten kilometres east to meet the Bow River.

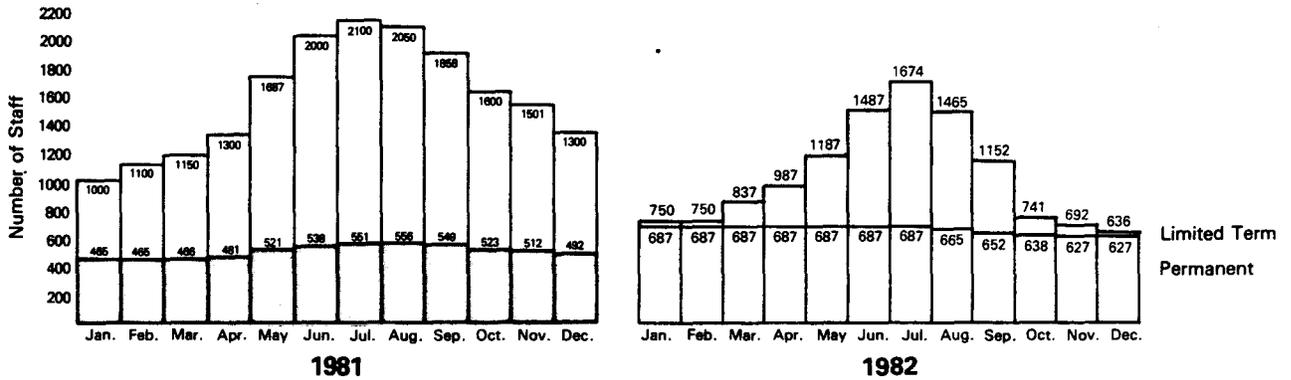
With a few exceptions, the completion of the various projects in 1982 marked the end of a major capital development phase in the park. This year, most development occurred in the parks extreme west end with the completion of the Equestrian Centre, maintenance support facilities and the opening of the Shannon Terrace Environmental Education Centre to school groups. The completion of pedestrian and bicycle bridges, trails, signage and observation posts represent a wrap up of most planned visitor services capitol developments with the exception of Fish Creek East which is considered to be a separate and distinct phase. Significant further development for 1983 consists of stabilization of the Bow Valley Ranch House and the construction of an unmanned information centre in the Shaws Meadow area.

The bulk of the Fish Creek Management Committee's work in the current phase has been completed and all operations and most management activities have been transferred to the Operations and Maintenance Division of Alberta Recreation and Parks.



Statistics and Reference

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

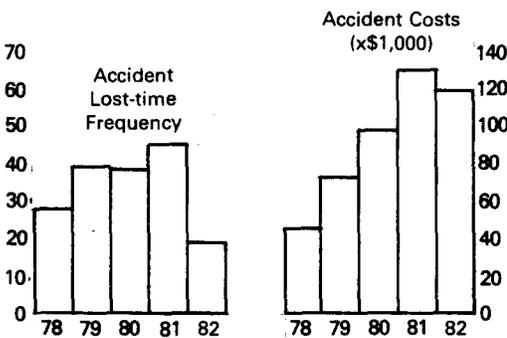


Limited Term figures include APTEA, C.U.P.E. locals 38, 37 and 709.

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 42
Limited Term 10-300

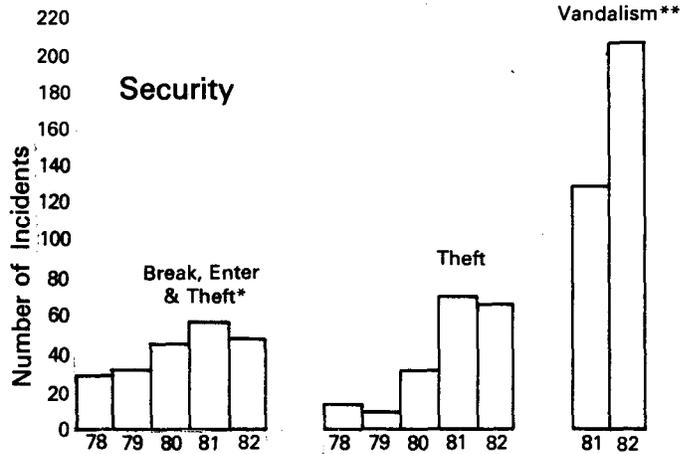
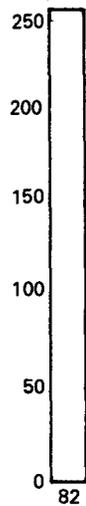
Loss Control (Accidental) and Public Safety 1978- 1982



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.

No. of Public Injuries Reported



*Includes Attempted Break & Enter

** Statistics started in 1981

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 major 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 \$.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.	\$.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.	Minimum wage 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.
25% City Capital Grant	City of Calgary (Parks/Recreation Dept.)	Capital construction of community multipurpose Recreational facilities	25% of total capital costs

Operational Program Assistance Grant

Introduced in 1968 and payable directly to the municipality.
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
78	505,637	117,127.40	23.2 ^c	17,290,000.00	\$34.19
79	530,816	122,163.20	23.0 ^c	18,841,000.00	\$35.49
80	560,618	128,123.60	22.8 ^c	23,950,000.00	\$42.72
81	591,857	\$1,775,571.00	\$3.00	\$35,597,000.00	\$60.14
82	623,133	\$1,869,399.00	\$3.00	\$42,764,000.00	\$68.63

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.

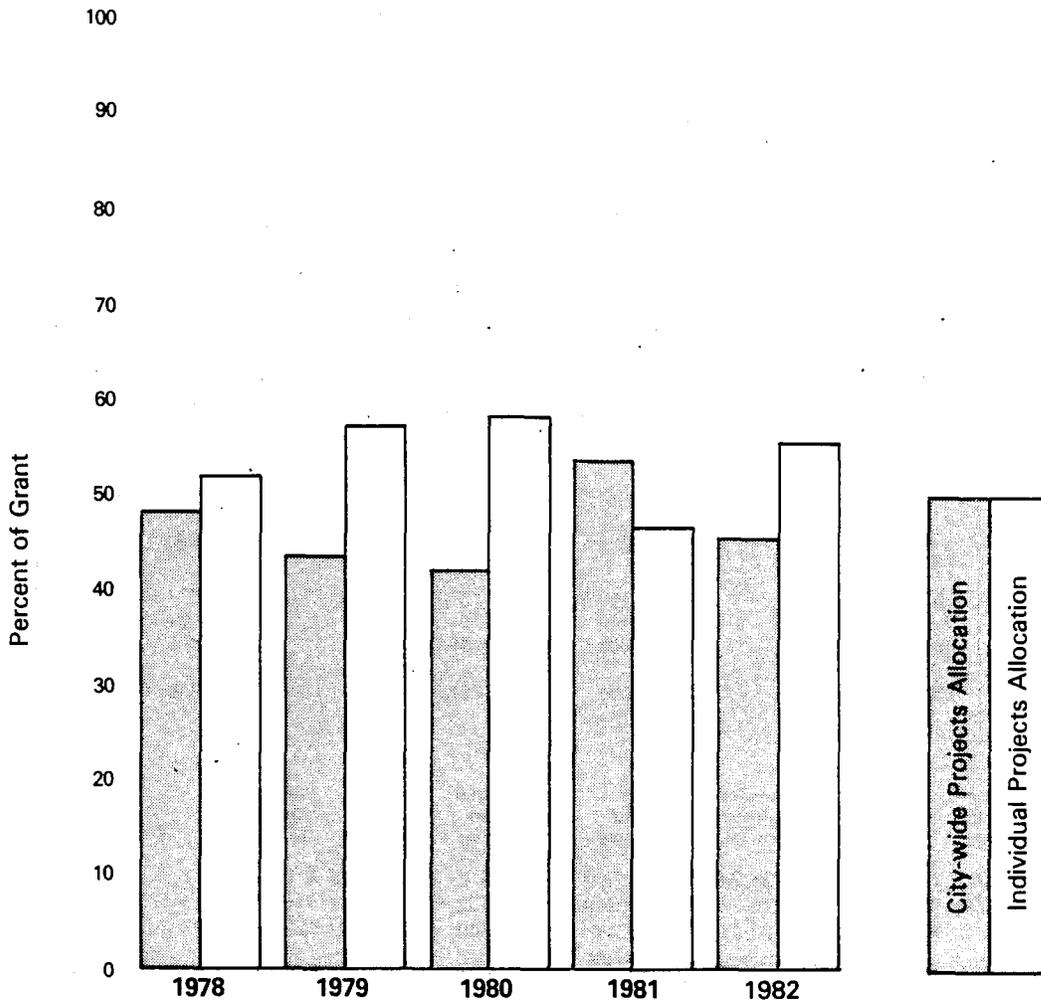
Year	1978	1979	1980	1981	1982
Grant available for year	\$5,056,370	\$10,308,160	\$6,212,360	\$23,774,944	\$2,916,482
Carry-over	\$ 620,549	\$ 4,448	\$ 39,108	\$ 80,464	\$ 483,248
Total grant available	\$5,676,919	\$10,312,608	\$6,251,468	\$23,855,408	\$3,399,730
Total of grant applications from community organizations	\$9,812,612	\$10,354,500	\$7,578,440	\$16,946,494	\$5,426,968

	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	\$ 1,911,120	\$ 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	\$23,187,703	\$15,831,925
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	\$25,093,823	\$21,823,252
Number of Community Applications	Received 23	Approved 21	Received 40	Approved 30	Received 23	Approved 18	Received 44	Approved 35	Received 15	Approved 11

**Project Co-operation:
Community School Incentive Grants**

- \$0.65 per capita to make school facilities more available for community use.

1978	1979	1980	1981	1982	
50	35	37	37	25	Applications Received
36	30	30	22	20	Applications Approved
\$328,664	\$345,030	\$364,401	\$384,707	\$405,036	Grant Monies Available
\$328,664	\$345,030	\$364,401	\$384,707	\$300,554	Grant Monies Received



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
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
1982	Basic Assistance	\$ 500.00	1	\$ 500.00	1	\$ 500.00
	Municipal Assistance	311,567.00	1	311,567.00	1	311,567.00
	Community/Service Organization	311,567.00	33	573,375.00	21	311,567.00
	Total	\$623,634.00	35	\$885,442.00	23	\$623,634.00

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

Further Education Grants

Policy introduced in 1975 subsidizing adult non-credit courses in the amount of:

- Non-Credit Further Education Courses = \$6/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.

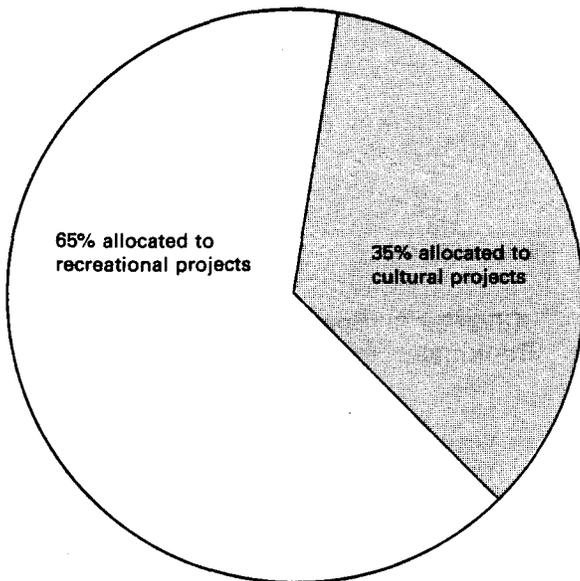
Year	Grant Monies Received*
1978	53,022.90
1979	57,120.00 **
1980	55,120.00
1981	80,750.00
1982	88,825.00

* Excludes Leisure/Learning Section

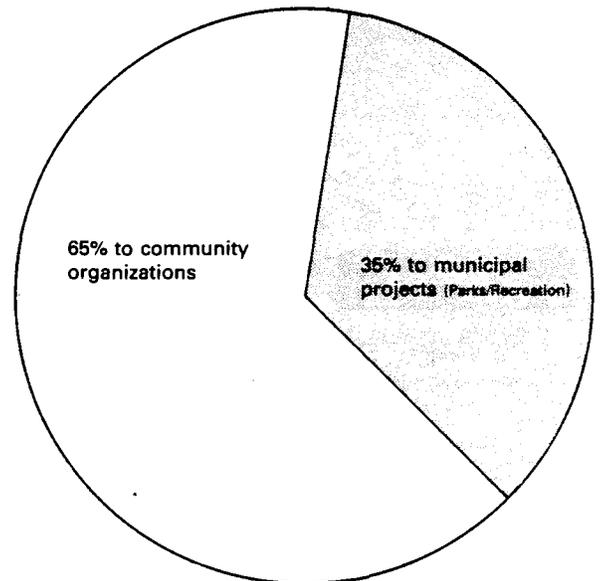
** Allocation frozen to previous year's amount + 5% for inflation; 10% of allocation contributed to joint Further Education Council Fund.
Department monies directed mainly to Senior Citizen and Handicapped programs.

City Outgoing Grants

Program	Grant Applications Approved				
	Value of Grants Approved				
	1978	1979	1980	1981	1982
Travel: based on \$.095 per km or 1/2 return bus fare (max. \$570 per yr.) for in-province championships	45 \$ 7,918	60 \$12,266	40 \$11,297	51 \$11,845	44 \$21,156
Hosting: maximum of:	15	13	12	11	37
Provincial Championship: \$1,315	\$ 8,870	\$13,965	\$40,388	\$17,903	\$47,587
Western Canadian Championship: \$1,975					
National Championship: \$2,630					
International Championship: \$5,265					
Lawn Bowling: \$25.00 per member over 60 years	4 \$ 4,510	4 \$ 5,138	4 \$ 6,630	4 \$ 6,271	5 \$ 7,721
Minor Sports: \$0.46 per registered member of Minor Sports Calgary; minimum of \$600 and maximum of \$5,990 per registered association in Minor Sports Calgary	15 \$12,813	16 \$13,813	17 \$16,636	18 \$18,660	17 \$21,141
Special Events Hosting: up to 20% of total operating budget			5 \$25,000	7 \$21,750	1 \$ 4,700
25% City Capital Grant: as per budget	—	—	\$90,060	\$1,167,376	\$2,362,753



1975-82 Average: Grant Distribution
(Cultural/Recreational)



1975-82 Average: Grant Distribution
(Municipal/Community Organization)

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)	23	10 years
	(b) Sportsplex Lease 15 year term with Grant Funds from Provincial Government (Decision of Council, February 1977)	3	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	1	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.	1	—
Special Agreements:	Special Agreements with School Boards and other community organizations	2	—

Parks Facilities

Feature	Area:	NW(1)	NE(2)	SW(3)	C/E(4)	S(5)	Total
Tennis Courts		27	17	45	36	29	154
Ball Diamonds		49	38	119	67	60	333
Soccer/Football Fields		27	13	14	31	37	122
Playgrounds		93	61	80	116	102	452
Natural Ice Rinks		21	36	46	39	64	206

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

1982 Golf Course Expenditures and Revenues

Course	Revenues	Expenditures	Net	% Recovered
Confederation	(\$ 266,833)	\$ 224,288	(\$ 42,545)	119%
— Driving Range	(99,764)	47,614	(52,150)	209%
McCall Lake	(560,584)	510,745	(49,839)	110%
—Driving Range	(56,335)	16,000	(40,335)	352%
Shaganappi	(477,812)	460,592	(17,222)	104%
Lakeview	(156,625)	128,912	(27,713)	122%
Richmond Green	(93,588)	106,000	(12,500)	88%
Maple Ridge	(277,974)	250,207	(19,767)	107%
Totals	(\$1,989,427)	\$1,752,358	(\$237,069)	114%

1982 Golf Course Users (9 & 18 - hole rounds)

Course	Season Ticket Holders	Non-adults	Adults	* Citizens	Total	Percentage of Business Rec'd
Shaganappi	28,303	4,820	50,031	4,700	87,854	29%
Confederation	8,396	2,967	29,796	1,762	42,921	14%
Maple Ridge	14,820	4,645	30,567	2,354	52,394	18%
Lakeview	n/a	6,909	26,326	3,598	36,833	12%
Richmond Green	n/a	3,572	15,602	3,067	22,241	8%
McCall Lake (18)	9,253	792	28,960	327	39,332	13%
—Par 3		952	15,840	616	17,408	6%
Totals	60,780	24,657	197,122	16,424	298,983	—
Percentage of Admissions	20%	8%	66%	6%	100%	100%

Green Fees: 1982

	McCall Lake Twilight 18 Holes		Shaganappi 9 Holes 18 Holes		Confederation Maple Ridge 9 Holes	Lakeview McCall Lake Par 3 Richmond Green 9 Holes
Adults						
- weekdays	\$7.00	\$12.00	\$5.00	\$ 9.00	\$5.00	\$3.75
- weekends & holidays	\$7.00	\$14.00	\$6.00	\$11.50	\$6.00	\$3.75
Seniors and disabled*						
- weekdays	\$5.50	\$5.00	\$2.00	\$ 3.75	\$2.00	\$1.50
- weekends & holidays	\$6.50	\$6.00	\$2.50**	\$ 4.75	\$2.50	\$1.50
Non-adults						
- weekdays	\$7.00	\$6.25	\$2.50	\$ 4.50	\$2.50	\$2.00
- weekends & holidays	\$4.00	\$7.25	\$3.00	\$ 6.00	\$3.00	\$2.00

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

**Valley Nine only.

Season Tickets: 1982 (Shaganappi, Confederation & Maple Ridge*)

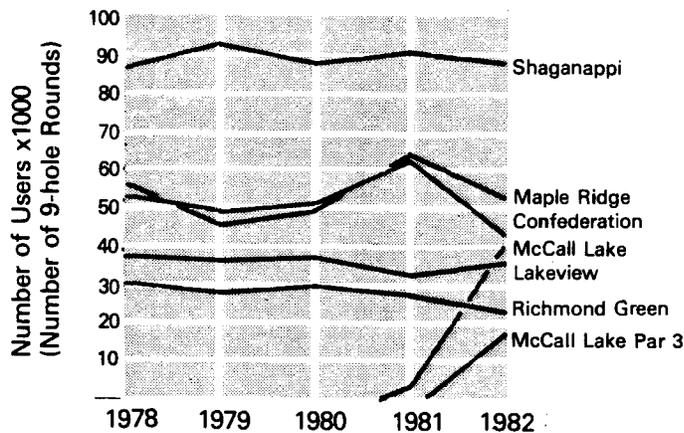
	Family: Husband, Wife & Dependants 17 and under	Husband and Wife	Adult	Senior Citizen	Non-adult 17 and Under
Unrestricted	Not available	\$420.00	\$240.00	\$125.00	Not available
Restricted	\$540.00	\$280.00	\$160.00		

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

Season Tickets: 1982 (McCall Lake)

	Family: Husband, Wife & Dependants 17 and under	Husband and Wife	Adult	Senior Citizen	Non-adult 17 and Under
Unrestricted	Not available	\$560.00	\$320.00	\$200.00	Not available
Restricted	\$720.00	\$370.00	\$210.00	\$135.00	\$160.00

Golf Program Growth



1982 Expenditures and Revenues: Arenas

Arenas	Revenues	Expenditures	Maintenance	Net Expenditures	% Recovery
Shouldice	(\$ 50,000)	\$ 150,000	\$ 9,250	\$ 109,250	31%
Foothills/N. Bush	(235,000)	370,000	29,000	164,000	59%
Totals (Area 1)	(\$ 285,000)	\$ 520,000	\$ 38,250	\$ 273,250	51%
Thornhill	(\$ 101,000)	\$ 260,000	\$ 16,520	\$ 175,520	37%
Renfrew/H. Viney	(190,000)	350,000	30,500	190,500	50%
Totals (Area 2)	(\$ 291,000)	\$ 610,000	\$ 47,020	\$ 366,020	44%
Kinsmen	(\$ 100,000)	\$ 220,000	\$ 23,203	\$ 143,203	41%
Glenmore	(65,000)	174,000	31,627	140,627	32%
Optimist/G. Blundun	(172,000)	287,000	34,360	149,360	54%
Totals (Area 3)	(\$ 337,000)	\$ 681,000	\$ 89,190	\$ 433,190	44%
Ernie Starr	(\$ 65,000)	\$ 183,000	\$ 12,240	\$ 130,240	33%
Jack Setters	(30,000)	288,657	37,584	231,241	23%
Totals (Area 4)	(\$ 95,000)	\$ 288,657	\$ 37,584	\$ 231,241	29%
Frank McCool	(\$ 102,000)	\$ 232,000	\$ 13,136	\$ 143,136	42%
R. Kohn/J. Condon	(150,000)	380,000	14,592	244,592	38%
Totals (Area 5)	(\$ 252,000)	\$ 612,000	\$ 27,728	\$ 387,728	39%
Grand Total	(\$1,260,000)	\$2,711,657	\$239,772	\$1,691,429	43%

1982 Expenditures and Revenues: Athletic Parks

Athletic Parks	Revenues	Expenditures	Net Expenditures	% Recovery
Foothills	(\$ 27,000)	\$193,000	\$166,000	14.0%
● tennis bubble	(6,000)		6,000	—
Shouldice	(32,000)	166,000	134,000	19.0%
Totals (Area 1)	(\$ 65,000)	\$359,000	\$306,000	16.5%
Broadview	(\$ 5,000)	\$ 22,000	\$ 17,000	23.0%
Renfrew	(14,000)	77,000	63,000	18.0%
Totals (Area 2)	(\$ 19,000)	\$ 99,000	\$ 80,000	19.5%
Glenmore	(\$ 21,000)	\$153,000	\$132,000	14.0%
● tennis bubble	(10,000)		10,000	—
Optimist	(30,000)	128,000	98,000	23.0%
Totals (Area 3)	(\$ 61,000)	\$301,000	\$240,000	18.5%
Forest Lawn	(\$ 3,000)	\$ 45,000	\$ 42,000	7.0%
Mewata	(8,000)	60,000	52,000	13.0%
Ogden/Millican	(2,000)	29,000	27,000	7.0%
Totals (Area 4)	(\$ 13,000)	\$134,000	\$121,000	9.0%
Kingsland	(\$ 9,000)	\$ 34,000	\$ 25,000	26.0%
Acadia	(4,000)	39,000	35,000	10.0%
Frank McCool	(2,000)	26,000	24,000	8.0%
Woodbine	—	—	—	—
Village Square	—	—	—	—
Totals (Area 5)	(\$ 15,000)	\$ 99,000	\$ 84,000	14.7%
Grand Total	(\$173,000)	\$972,000	\$799,000	18.0%

1982 Expenditures and Revenues: Pools

Indoor Pools	Revenues	Expenditures	Maintenance	Net Expenditures	% Recovery
Foothills	(\$ 78,000)	\$ 291,000	\$ 30,000	\$ 243,000	24.4%
Sir Winston Churchill	(159,000)	399,000	40,000	280,000	36.2%
Shouldice	(77,000)	309,000	32,000	264,000	22.6%
Totals (Area 1)	(\$ 314,000)	\$ 999,000	\$102,000	\$ 787,000	28.6%
Renfrew	(\$ 92,000)	\$ 258,000	\$ 11,000	\$ 177,000	34.2%
Thornhill	(168,000)	415,000	39,000	286,500	37.0%
Totals (Area 2)	(\$ 260,000)	\$ 673,000	\$ 50,000	\$ 464,000	35.8%
Glenmore	(\$ 100,000)	\$ 325,000	\$ 23,000	\$ 249,000	28.6%
Killarney	(137,000)	369,000	24,000	257,000	34.8%
Totals (Area 3)	(\$ 237,000)	\$ 695,000	\$ 47,000	\$ 506,000	31.9%
Bob Bahan	(\$ 189,000)	\$ 450,000	\$ 48,000	\$ 310,000	37.8%
Beltline	(198,000)	318,000	32,000	151,000	56.8%
Inglewood	(50,000)	219,000	20,000	188,000	20.9%
Totals (Area 4)	(\$ 437,000)	\$ 986,657	\$100,000	\$ 649,000	40.4%
Acadia	(\$ 127,000)	\$ 338,000	\$ 31,000	\$ 241,000	34.5%
Canyon Meadows	(188,000)	481,000	32,000	325,000	36.6%
Totals (Area 5)	(\$ 315,000)	\$ 819,000	\$ 62,000	\$ 566,000	35.8%
Totals (all indoor pools)	(\$1,563,000)	\$4,172,000	\$361,000	\$2,972,000	34.5%

Outdoor Pools	Revenues	Expenditures	Maintenance	Net Expenditures	% Recovery
Bowview	(\$ 15,000)	\$ 81,000	\$ 18,000	\$ 85,000	14.9%
Silver Springs	(14,000)	81,000	18,000	84,000	14.3%
Riley Park	—	43,000	4,000	47,000	—
Totals (Area 1)	(\$ 29,000)	\$ 205,000	\$ 41,000	\$ 216,000	11.8%
Bridgeland	(\$ 13,000)	\$ 60,000	\$ 31,000	\$ 79,000	13.7%
Highwood	(13,000)	79,000	41,000	107,000	10.5%
Mt. Pleasant	(14,000)	62,000	14,000	62,000	17.9%
Totals (Area 2)	(\$ 37,000)	\$ 201,000	\$ 86,000	\$ 248,000	13.5%
South Calgary	(\$ 21,000)	\$ 93,000	\$ 14,000	\$ 86,000	19.8%
Totals (Area 3)	(\$ 21,000)	\$ 93,000	\$ 14,000	\$ 86,000	19.8%
Forest Lawn	(\$ 22,000)	\$ 111,000	\$ 26,000	\$ 115,000	16.1%
Millican-Ogden	(20,000)	100,000	20,000	100,000	16.5%
Totals (Area 4)	(\$ 42,000)	\$ 211,000	\$ 46,000	\$ 215,000	16.3%
Stanley Park	(\$ 39,000)	\$ 117,000	\$ 20,000	\$ 97,000	28.7%
Totals (Area 5)	(\$ 39,000)	\$ 117,000	\$ 20,000	\$ 97,000	28.7%
Totals (all outdoor pools)	(\$ 168,000)	\$ 827,000	\$207,000	\$ 862,000	16.2%
Grand Total <i>(Indoor and Outdoor Pools)</i>	(\$1,731,000)	\$4,999,000	\$568,000	\$3,834	31.1%

Arena Features/Services

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

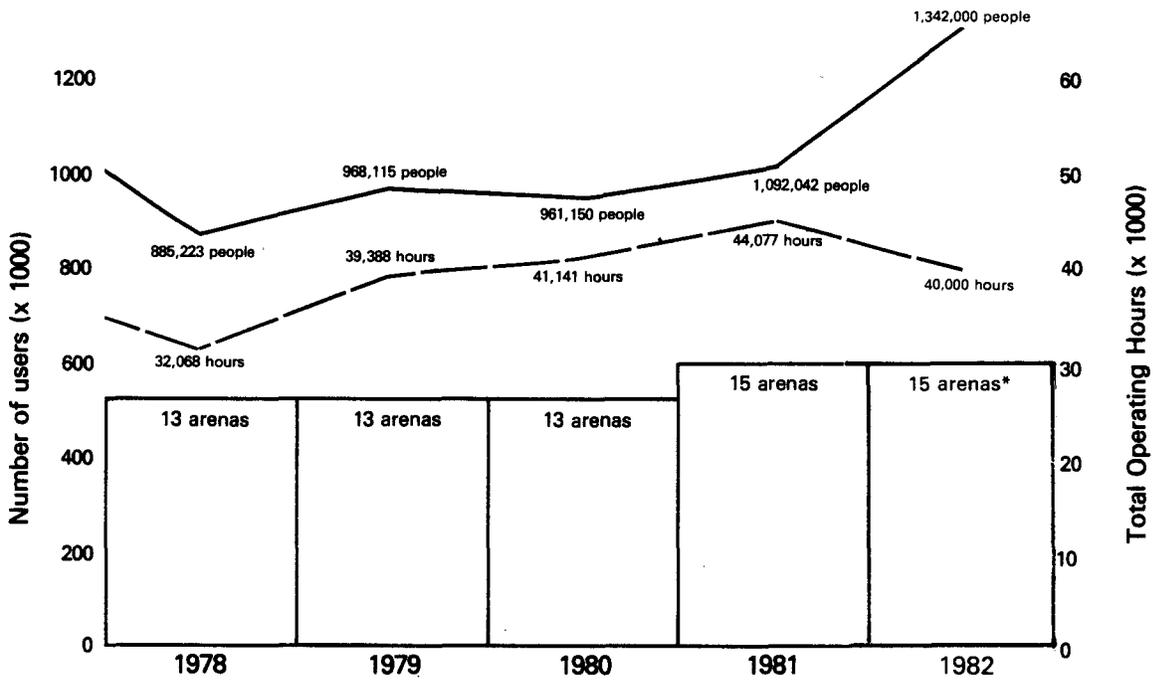
1982 Arena Operation Schedule

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

Program Ice Closed [Dark Box]

Arena Rates:	1978	1979	1980	1981	1982
Children/Handicapped	\$.35	\$.35	\$.35	\$.40	\$.75
Youth	.75	.75	.75	.85	1.00
Adult	.75	1.00	1.10	1.25	1.50
Family	1.40	2.10	2.30	2.50	3.25
Pre-school (under 6) & Seniors		Free			

Arena Development/Operating Hours/ User Demand Relationship



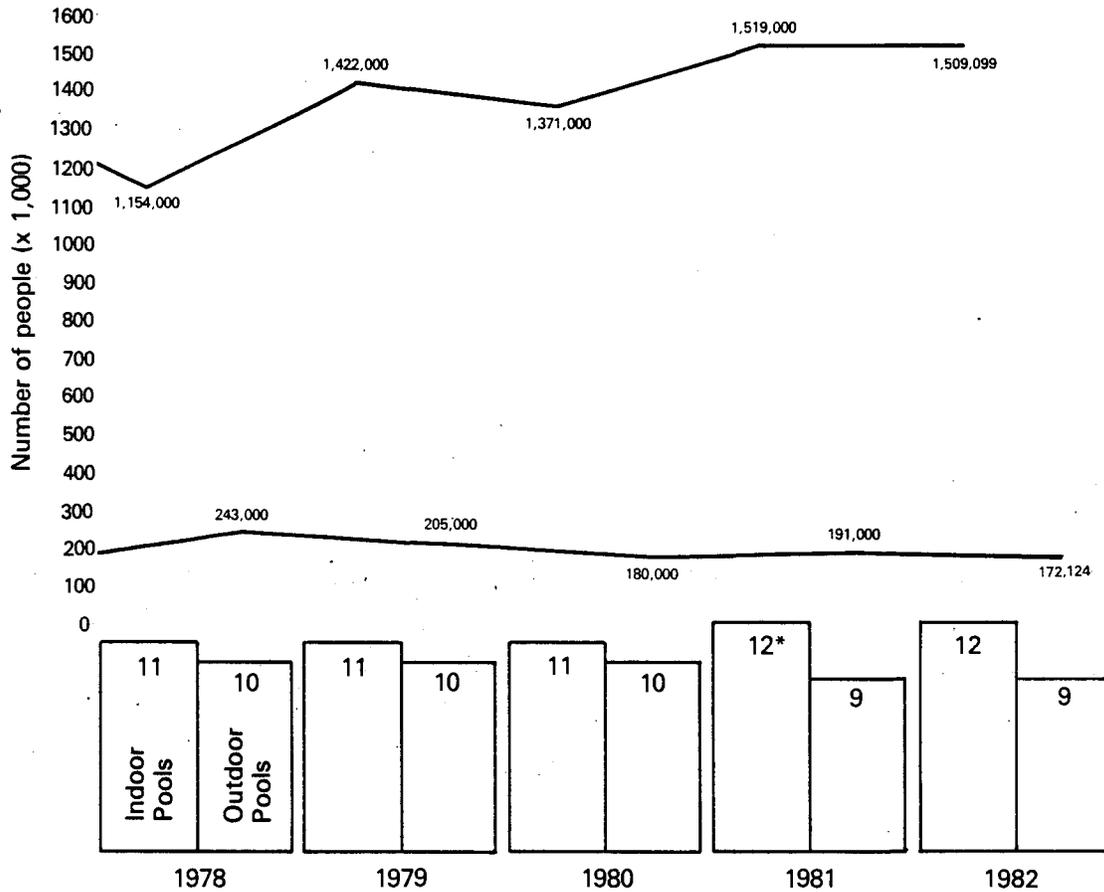
Users (participants/spec-tators): _____
 Operating Hours: _____

*Jack Setters Arena closed from June, 1982.

Arena User Hours

	1978	%	1979	%	1980	%	1981	%	1982	%
Minor Hockey	12,370	40%	13,912	38%	15,223	37%	20,757	47%	15,000	37%
Calalta Figure Skating	4,305	13%	4,580	12%	4,937	12%	5,871	13%	4,367	11%
Adult	4,880	15%	8,795	22%	8,229	20%	10,833	25%	14,000	35%
P/S School	513	2%	739	2%	1,645	4%	904	2%	300	1%
Junior A & B, U of C	1,350	4%	767	2%	82	2%	450	1%	500	1%
Mt. Royal & S.A.I.T.										
Public Skating	2,850	9%	3,415	9%	4,114	10%	2,255	5%	2,275	6%
Miscellaneous	3,503	5%	6,081	16%	4,937	12%	1,850	4%	1,936	5%
Non-Ice	1,740	5%	1,048	3%	1,234	3%	1,157	3%	1,315	3%
Total	32,068	100%	38,838	100%	41,141	100%	44,077	100%	40,000	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:	1978	1979	1980	1981	1982
Children/Handicapped	\$.35	\$.35	\$.35	\$.40	\$.75
Youth	.75	.75	.75	.85	\$1.00
Adult	.75	1.00	1.10	1.25	\$1.50
Family	1.40	2.10	2.30	2.50	\$3.25
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 Wading Pool	78m x 21m (255' x 70')	max. 0.6m (max. 2')	0	None	—	No	Concession

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	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	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	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	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	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	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	Yes
Beltline	18.3m x 7.3m (60' x 24')	1.0m - 2.7m (3.3' - 9')	4		2.7m (9')	No	Yes	Yes
Inglewood	25m x 12.8m (82' x 42')	0.9m - 1.5m (3' - 5')	6		3.7m (12')	No	No	Yes
Acadia	25m x 12.8m (82' x 42')	0.9m - 1.5m (3' - 5')	6		3.2m (10.5')	Yes	No	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	No

Attendance: Outdoor Pools

Facility	1979	1980	1981	1982		Total
	Total	Total	Total	Adults	Non-adults	
Bowview	8,791	16,147	14,595	7,570	7,199	14,769
Shouldice	23,825	—	—	—	—	—
Silver Springs	14,409	25,642	23,604	3,566	12,302	15,868
Mt. Pleasant	19,056	15,702	15,802	5,332	9,014	14,346
Bridgeland	11,029	6,678	12,671	6,200	4,473	10,673
Highwood	12,673	9,639	13,729	4,174	9,617	13,791
South Calgary	23,311	19,020	24,309	10,656	10,756	21,412
Forest Lawn	27,463	28,496	30,591	4,860	19,351	24,211
Ogden/Millican*	25,133	25,523	25,179	4,350	17,213	21,563
Stanley Park	39,333	39,940	30,147	17,944	17,547	35,491
Totals	205,023	179,787	190,627	64,652	107,412	172,124

*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	1982		Total
	Total	Total	Total	Adults	Non-adults	
Shouldice	—	—	60,781	18,436	55,307	73,743
Foothills	90,595	112,170	92,713	31,870	53,485	85,363
Sir Winston Churchill	167,454	164,136	143,368	51,744	96,094	147,838
Thornhill	116,584	107,226	11,752	36,001	101,636	137,687
Renfrew	94,244	94,865	109,349	30,647	62,759	93,406
Killarney	172,713	152,159	161,954	58,123	98,637	156,760
Glenmore	103,595	108,887	108,879	25,241	77,420	102,661
Bob Bahan	194,475	183,029	197,897	72,713	131,694	204,407
Beltline	104,175	105,940	128,113	122,220	6,028	128,248
Inglewood	47,263	40,975	55,873	13,797	38,397	52,194
Acadia	117,676	118,715	134,847	25,859	101,745	127,604
Canyon Meadows	212,798	182,127	211,331	39,072	158,116	197,188
Totals	1,421,572	1,370,912	1,516,857	527,731	981,368	1,507,099

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	2	8	1	1			1	3				
Shouldice	31.3 (66.60)	1100	1	6		1			1		1			5	4			4	Two lacrosse boxes
Broadview	1.7 (4.11)		1	2									1						
Renfrew	7.4 (18.25)	1500				1			1				1		1				
Glenmore	30.3 (74.90)	3200		1	1	2	1		1	3				1	2		1	13	Velodrome, speed-skating oval, tennis bubble Practise football field
Optimist	32.3 (79.9)	350					1		1					1	9				
Mewata	3.9 (9.70)	5300	1	4	1														
Forest Lawn	11.0 (27.20)		1	2		1									1				
Ogden/Millican	13.9 (34.22)						1			1					1	1		3	
Acadia	4.0 (10.00)									1					2			6	1 rugby field (C)
Kingsland	7.3 (18.00)	2600													1				2 rugby fields (A & B)
Frank McCool	6.1 (15.00)			2						1					2				
Total Number of Facilities	168.7 (416.8)	18,250	8	26	3	6	3		1	5	9	1	2	8	24	1	2	38	

Facility Specifications

Class "A":

- Visually enclosed facility with controlled admission entrance, and public parking
- Individual team dressing rooms
- Shower, washroom facilities
- Minimum 1,000 spectator seats
- Public washrooms
- Floodlighting/Score board optional. (Dependent on demand)
- Public Address System (Portable or fixed)
- Expendable items supplied and included in cost: i.e. corner flags, goal nets, chain/down markers, padding for football posts, base bags, home plates, all related track and field equipment except javelins, discus and shots.

Class "B":

- Individually open fenced or located in fenced Athletic Park
- Communal dressing/shower facilities
- Maximum 200 spectator seats
- Floodlighting optional. (Dependant on demand)
- Expendable items supplied and included in cost: corner flags, goal nets, chain/down markers, padding for football posts, base bags and home plates.

Class "C"

- Located in fenced Athletic Parks
 - Limited spectator seating maximum 100
 - Expendable items supplied and included in cost: Base bags. (Security deposit required)
- Note: All A,B,C, Facilities have use controlled by athletic staff on duty.**

Class "D"

- Isolated city fields, permitted for city wide use - standard backstop or goals, standard field size.
- Spectator seating - maximum 50

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 Marking	Daily prior to games	Weekly	Weekly (4)	Twice Yearly (5) —	
Float Infield	Daily prior to games	Daily prior to games (2)	—	—	—
Check Field Surface	—	Weekly (3)	Weekly	Spring/Fall	—
Clean Bleachers	Twice weekly	Twice weekly	Twice weekly	Spring/Fall	—
Clean Dressing Rooms	Daily after use	Daily after use	Daily after use	—	—
Cut grass	Weekly	Weekly	Twice weekly (4)	Weekly	Twice monthly
Watering	Weekly	Weekly	Weekly	Twice monthly	As possible
General Area Clean-up	Weekly	Weekly	Weekly	—	—
Services to Users (1)	Daily	Daily	Daily	n/a	—
Fertilizing	Spring/Fall	Spring/Fall	Yearly	Yearly	—
Aerating	Yearly	Yearly	Yearly	—	—
Pre-season preparation	Included above	Included above	Included above	Spring	Spring
Top Dressing (if necessary)	Fall	Fall	Fall	Fall	—

- Notes:
- (1) Opening/closing dressing rooms, checking users, installing flags, bas bags, turning on floodlights, installing nets, etc.
 - (2) Diamonds only
 - (3) Soccer/Football, Rugby only
 - (4) Field Hockey only; for other sports where lines are cut in monthly, marking and weekly grass cutting only are required
 - (5) At incremental cost

It is understood that the maintenance schedule shown may vary depending on weather conditions and usage.

Athletic Parks: Program Users

Park	Participants		Spectators		Totals			
	1981	1982	1981	1982	1979	1980	1981	1982
Foothills	27,800	22,000	57,500	29,000	68,321	66,100	85,300	51,000
Shouldice	43,400	30,000	17,000	17,200	39,014	39,200	60,400	47,200
Broadview	5,900	4,600	3,600	3,500	6,213	5,600	9,500	8,100
Renfrew	13,400	13,700	14,000	12,500	27,334	28,800	27,400	16,200
Glenmore	79,700	76,000	73,100	51,000	90,683	80,900	152,800	126,000
Optimist	35,500	40,000	20,700	25,700	36,940	45,000	56,200	65,700
Mewata	9,700	14,100	14,000	20,000	18,980	20,400	23,700	34,100
Forest Lawn	4,800	6,800	4,800	4,300	15,275	10,500	9,600	11,100
Ogden/Millican	10,000	5,000	2,000	800	5,100	12,500	12,000	5,800
Acadia	9,700	9,000	6,900	4,900	25,385	21,100	16,600	13,900
Kingsland	7,100	8,500	8,000	6,500	16,217	16,700	15,100	15,000
Frank McCool	6,900	4,900	3,700	2,400	6,120	8,200	10,600	7,300
Woodbine**	—	—	—	—	—	—	—	—
Village Square	—	—	—	—	—	—	—	—

*estimated

**completed 1981; figures not available until 1982.

• Horticultural Extension Services: 1978-1982

	1978	1979	1980	1981	1982
Telephone Inquiries	5,915	8,540	9,412	8,747	10,458
Office Consultations	410	400	398	539	610
Publications Mailed	6,300	5,000	5,913	3,979	4,863

• Provincial Government Grants Received: 1981-1982

	1981	1982
Restricted Weed Control (Nodding Thistle)	\$ 10,500	\$ 17,200
Mosquito Abatement	\$103,000	\$150,700
Horticultural Information	\$ 7,000	\$ 7,000
Total	\$120,500	\$169,900

Central Parks Operations:
Indoor Gardens and Greenhouses

• Bedding Plants (Annuals) Sold: 1981-1982

	1981	1982
Flats	3,820	3,964
Pots	18,768	15,185
Value	\$83,322	\$82,492

• Plant Materials (new and replacement) Sold: 1981-1982

	1981		1982	
	Pots	Value		
Flowering Plants	13,530	\$ 76,987	11,942	\$ 64,635
Tropical Plants	18,063	\$ 93,464	8,831	\$ 80,020
Special Displays	—	\$ 1,055	—	\$ 2,798
Total	31,593	\$171,506	20,773	\$147,453

Central Parks Operations:
Nursery and Tree Farms

• Total Trees and Shrubs by Method of Planting: 1978-1982

	1978*	1979	1980	1981	1982
Trees planted by tree spade	3,220	3,850	2,950	3,920	2,289
Trees planted by hand	1,900	3,000	3,650	2,330	1,455
Trees basketed	1,230	2,050	2,420	3,560	4,632
Shrubs planted	3,850	11,300	18,980	10,690	9,181
Total	10,200	20,200	28,000	20,500	17,557

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

Deaths, Burials and Cremations in Calgary: 1972-1982

Year	Deaths	Cremations	Burials* (including cremations)	% of cremations to deaths	% of burials to deaths (excluding cremations)
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	2,959	1,141	1,809	42%	50%
1982	3,136	1,256	1,570	40%	40%

Sources: Deaths - Dept. of Vital Statistics

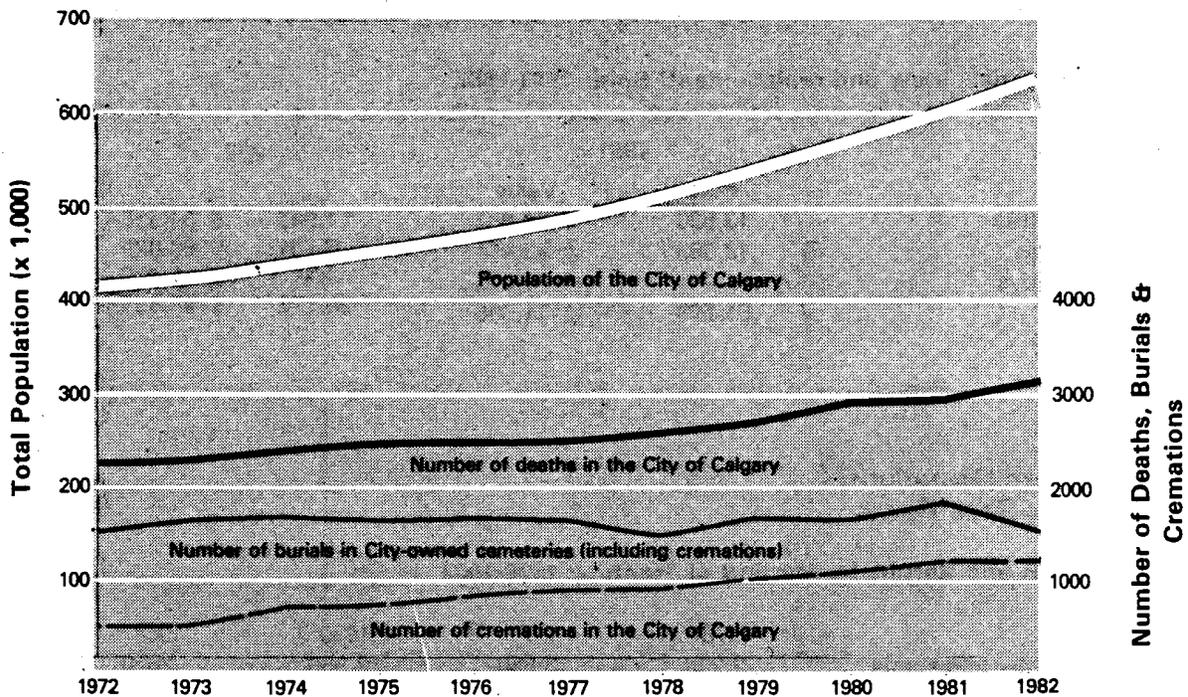
Cremations - Calgary Crematorium Ltd., Foothills Crematorium Ltd. & Centre Street Crematorium.

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 Peace.



City-owned Cemeteries

Cemetery	Opened	Total Hectares	Unusable Hectares	Available Hectares	Graves to Date	Burials to Date
Union	1890	20.36		.36	16,383	19,495
Burnsland	1923	12.93		.11	18,261	20,961
St. Mary's	1935	7.10	.51	.58	8,523	8,765
Chinese	1938	1.37				994
Queen's Park	1940	53.76	8.70	21.95	31,723	35,181

Total available hectares 24.08

Cemeteries: Monuments & Flat Markers 1978-1982

	Cemeteries	Plots Sold	Monuments	%	Flat Markers	%
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%
1982	Queen's Park	934	367	39%	567	61%
	St. Mary's	169	105	62%	64	38
	Union	71	21	30%	50	70%
	Burnsland	7	7	100%	—	—
	Chinese	1,181	500	42%	681	58%
	Total					

Cemetery Data: 1982

	Queen's Park				St. Mary's	Union	Burnsland		Chinese	Total
	*Std.	R.C.	Ch.	F.O.H.			Std.	F.O.H.		
Adults	561	89	65	109	201	85	56	1	2	1,169
Children	5	—	—	—	1	—	—	—	—	6
Babies	79	—	—	—	10	1	—	—	—	90
Ashes	184	0	—	33	11	33	0	—	—	305
										Total 1,570**

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

**Includes: 73 Welfare burials

350 made at extra depth

39 disinterments to permit second burial in same grave.

Calgary Zoo Statistics: 1982

Visiting hours:

- Summer ticket sales 9:00 a.m. to 6:30 p.m.
- Buildings open 10:00 a.m. to 7:00 p.m.
- Grounds close 7:30 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) \$3.00
- Youth (12 - 17 yrs) 1.50
- Children (3 - 11 yrs) .75
- Pensioners and school groups Free

Calgary Zoological Society Membership Fees:

- Individual \$15.00
- Family 20.00

Board of Directors: Calgary Zoological Society

- 26 Active Trustees
- 6 Associated Trustees
- 24 Members at large on 6 committees

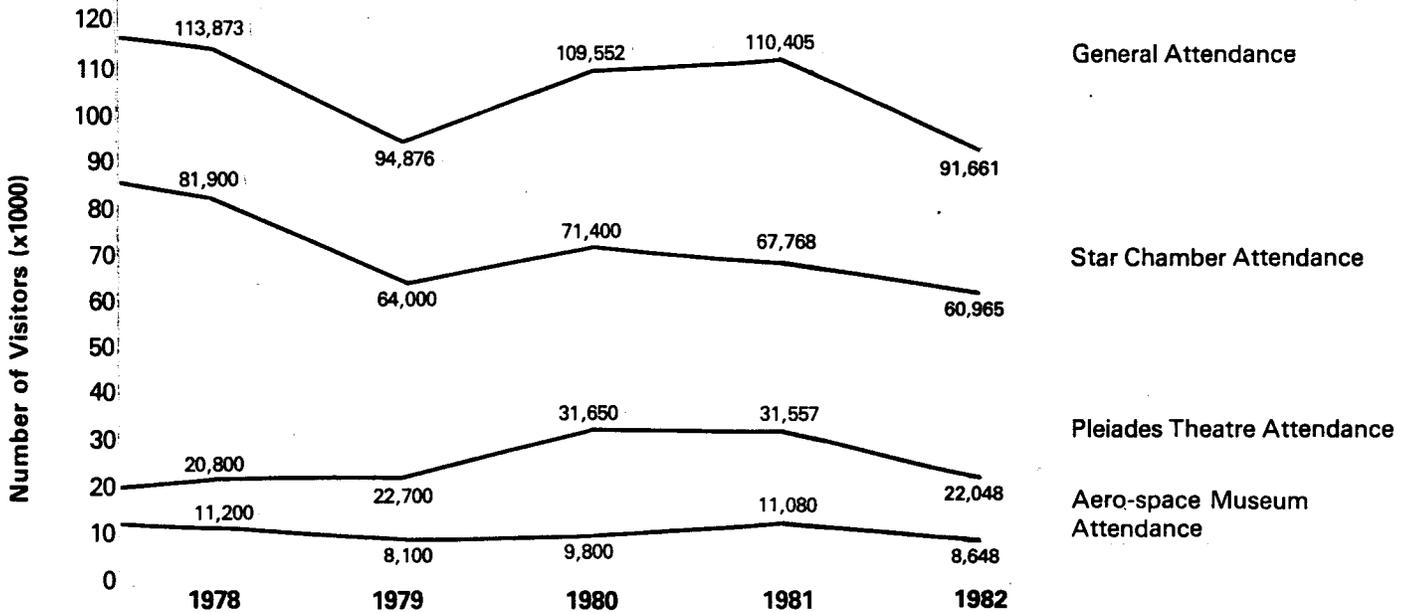
Visitor Attendance: 1978-1982

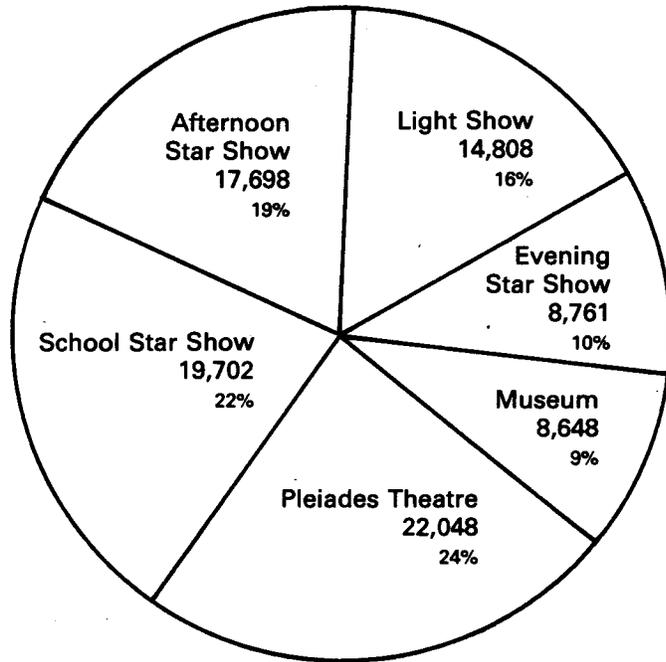
Year	Paid Admission	Free (Children)	Free (Others)	Total
1978	551,893	95,545	54,152	701,590
1979	548,419	104,335	86,016	738,770
1980	557,889	88,825	70,501	717,215
1981	560,206	101,508	68,012	726,726
1982	454,376	97,618	62,764	614,758

Zoological Society Memberships: 1978-1982

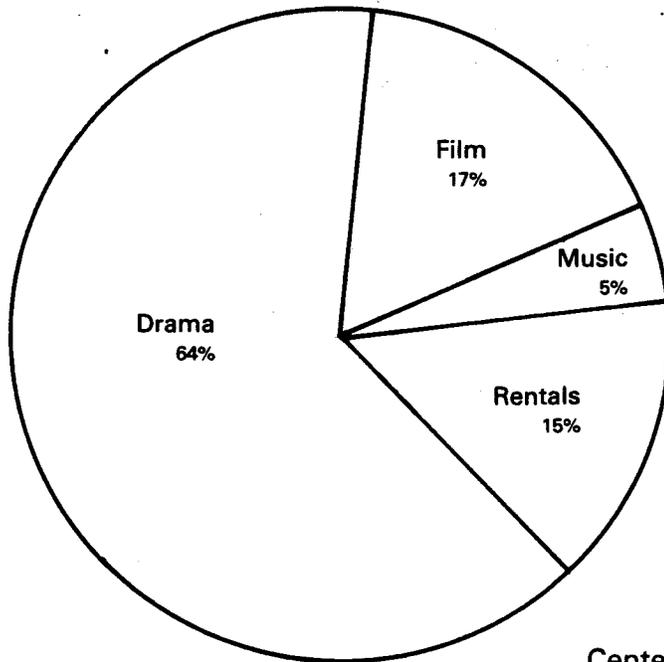
Year	\$10 Family	\$7 Individual	\$100 Life	Total
1978	7,984	455	143	8,579
1979	6,965	482	157	7,604
1980	6,879	554	160	7,593
1981	6,600	415	173	7,188
1982	8,883	377	191	9,451

Centennial Planetarium Attendance: 1978-1982

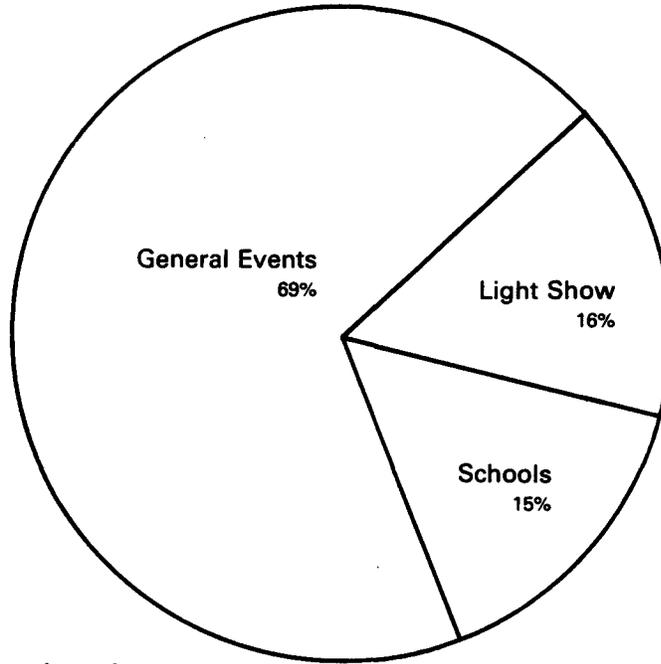




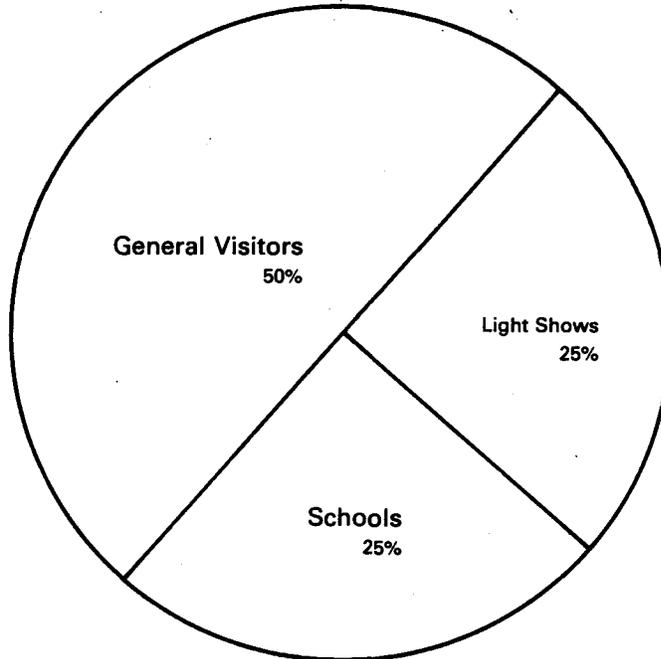
Centennial Planetarium Attendance: 1982 (total 91,661)



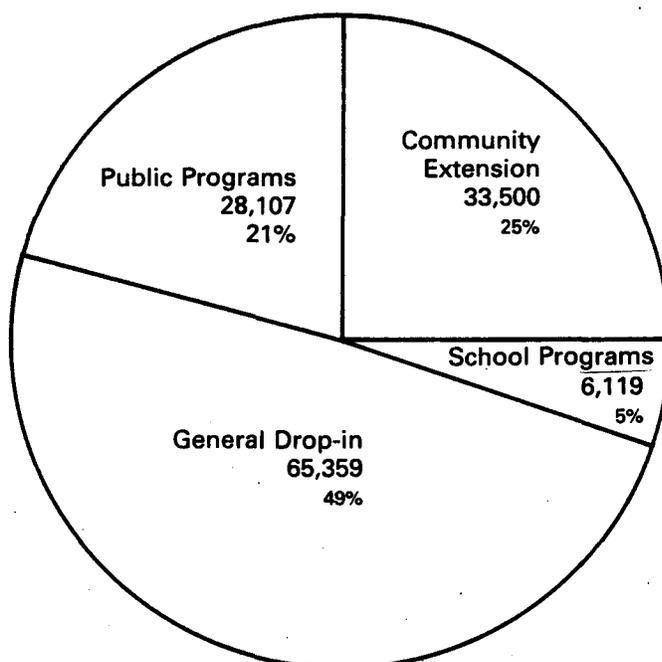
Centennial Planetarium Pleiades Theatre Visitors: 1982 (total 22,048)



**Centennial Planetarium Star
Chamber Events: 1982 (total 1,457)**



**Centennial Planetarium Star
Chamber Visitors: 1982 (total 60,965)**



Fort Calgary Attendance: 1982 (total 133,005)

Heritage Park: 1978-1982

	1978	1979	1980	1981	1982
Gross Operating Revenue	\$1,278,000	\$1,545,000	\$1,982,000	\$2,356,000	\$2,192,677
Attendance	350,000	362,000	374,000	360,000	317,136
Admission Fees:					
Adult	\$ 1.50	\$ 1.50	\$ 2.00	\$ 3.00	\$ 3.00
Child (3 - 15 yrs.)	.75	.75	1.00	1.00	\$ 1.00
Yearly Pass	\$15.00	\$15.00	\$15.00	\$25.00	\$15.00