

1977 ANNUAL REPORT



THE CITY OF CALGARY
PARKS/RECREATION DEPARTMENT



DIRECTOR'S MESSAGE

This is the first annual report to be compiled by the Parks/Recreation Department in a number of years. It will serve as a pilot for reports which will record the activities of the department in future years.

During the year the diligence of departmental staff, support of City Council and the Parks/Recreation Board and the contributions from a number of benefactors, service clubs and volunteers have resulted in significant enhancement of the Calgary Parks/Recreation scene. Notable among the many facilities, projects and programs were development of Fort Calgary, extension of the river pathways system and opening of the Henry Viney Arena and Devonian Gardens.

Fred McHenry
Director

PARKS/RECREATION BOARD

Chairman - Alderman Pat Ryan

Vice Chairman - Mr. W.J. Warren

Public School Board - Mrs. Jean Reid

Catholic School Board - Mrs. Rita Randall

Aldermanic Representative - Alderman Pat Donnelly

Members-at-large - Mr. R.W. Grindley
Mr. J. Bohnsack
Mr. T. Boleantu
Mr. E. Donovan
Mrs. D. McKay

SUB-COMMITTEE ON FINANCE AND GRANTS

Mr. R.W. Grindley (Chairman)
Mrs. R. Randall
Mr. E. Donovan

SUB-COMMITTEE ON PARKLANDS

Mr. J. Bohnsack (Chairman)
Mrs. J. Reid
Mrs. D. McKay

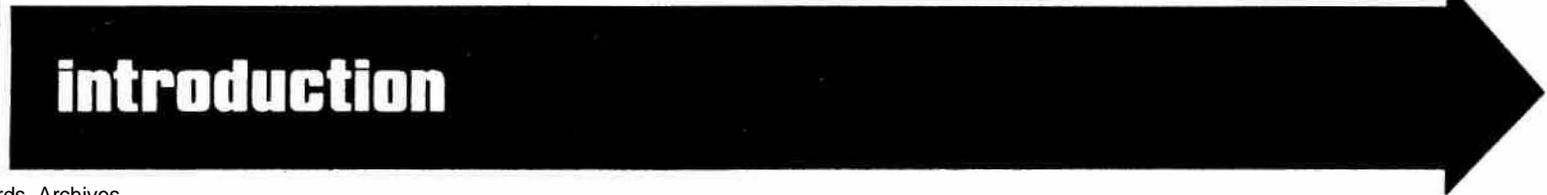
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introduction

THE ANNUAL REPORT RATIONALE

- (1) To inform members of the department, civic administration, the political level, and the public at large as to progress which has been made during the past year, and intended course of action to be adopted by the Parks/Recreation Department.
- (2) To record the status of achievements of the Parks/Recreation Department for ready reference in future years.

DEPARTMENT PHILOSOPHY AND OBJECTIVES

Philosophy

The City of Calgary Parks/Recreation Department aims to:

- Ensure that comprehensive services are available to facilitate leisure time opportunities for people of all ages for their personal development and well-being,
- Ensure that the environment is protected, preserved and enhanced for the enjoyment of all people.

Objectives

To identify and respond to the needs and wishes of the people of Calgary for leisure-time services and opportunities, as an ongoing process.

To optimize participation in leisure-time activities which contribute to people's physical and mental health by whatever means are available.

To encourage self-supporting community groups.

To facilitate in any way possible the involvement of volunteers in parks and recreation services.

To provide leisure-time areas and structures to meet diversified leisure needs as identified within the community.

To maximize the use of existing areas and structures within the community for leisure-time activities.

To ensure sufficient public open space land for present and future use, (meeting and exceeding where possible, current minimum standards) and located according to identified community needs.

To ensure and maintain liaison with governments, groups, organizations and individuals connected with the broad field of leisure to encourage communication and co-ordination among these groups.

To conserve a system of natural areas throughout the City with special emphasis on those lands associated with rivers and water areas.

To develop programs of urban beautification which will make a contribution towards the environmental aspect of the City form.

To continue to provide for quality exhibits and educational opportunities at scientific, natural and historic sites, such as the Zoo, Heritage Park, Fort Calgary, and the Planetarium.

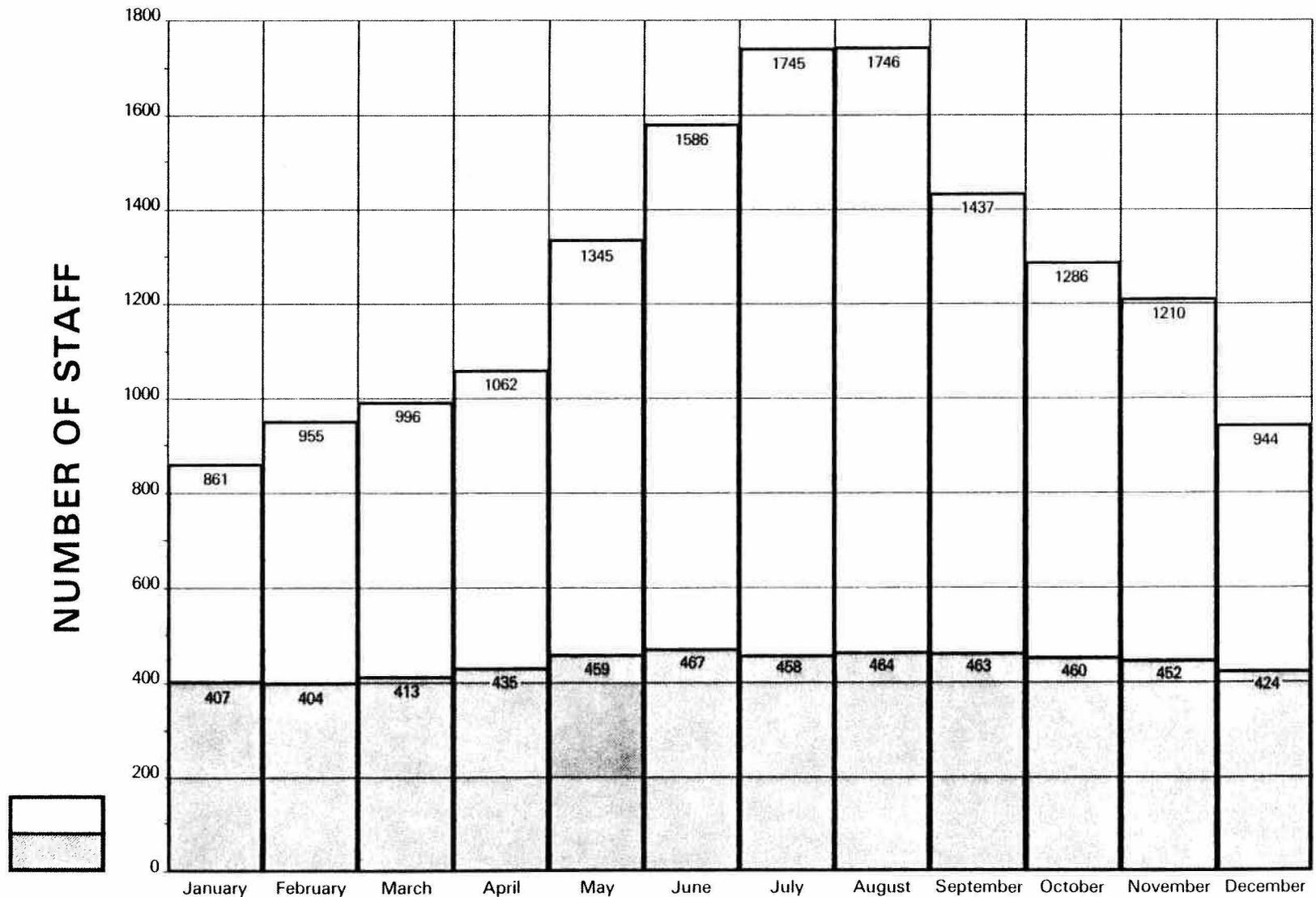
This philosophy and accompanying objectives are being used as a basis for operation by the Calgary Parks/Recreation Department at the present time. They provide working guidelines for Department staff and were developed by them. As needs and conditions change, the philosophy and objectives will be reviewed and changed, but will continue to reflect the basic concept spelled out here.

2



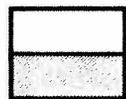
administration

PARKS/RECREATION DEPARTMENT PERMANENT/LIMITED TERM EMPLOYEES 1977

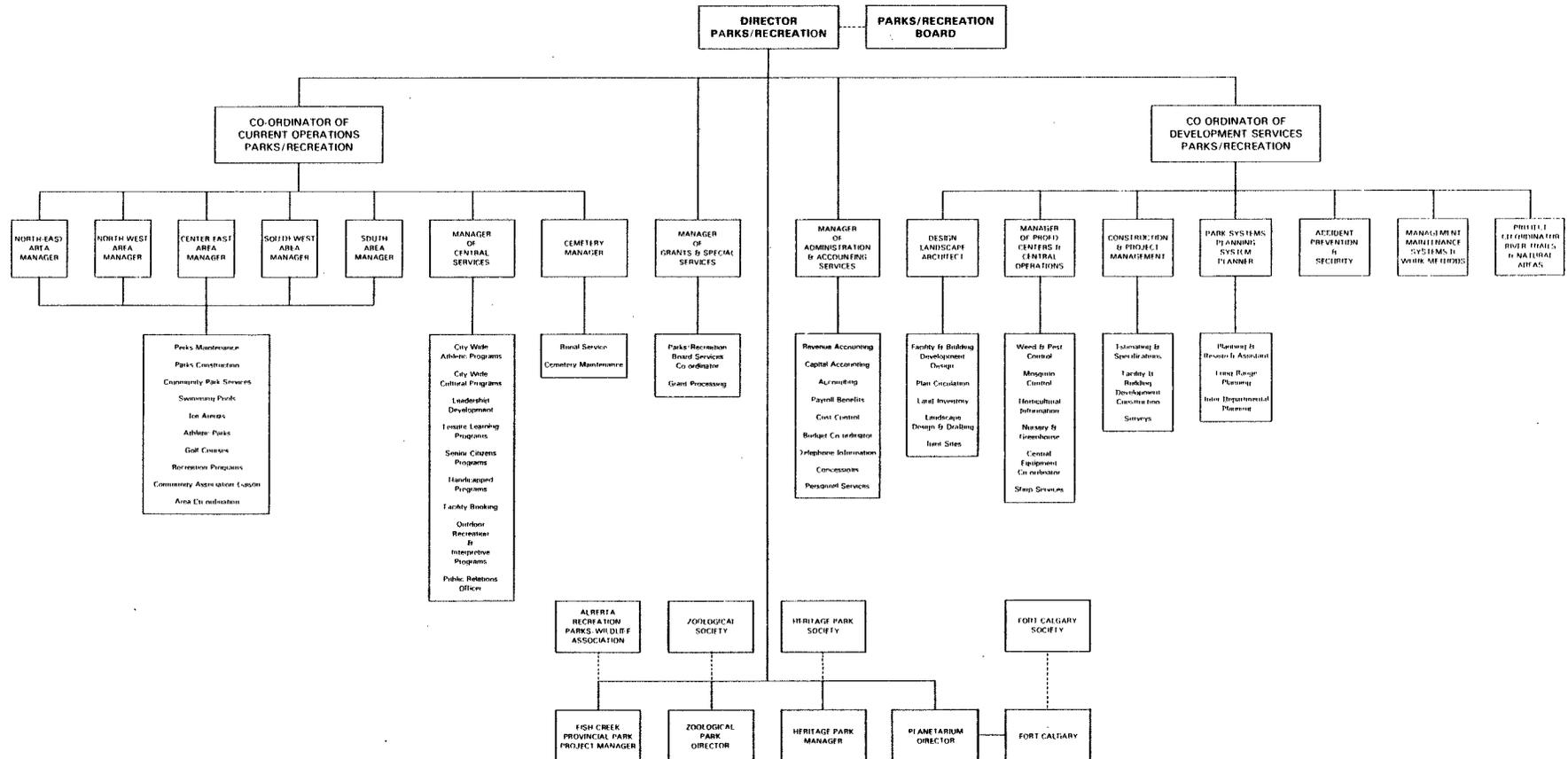


LEGEND

LIMITED TERM
PERMANENT



ORGANIZATIONAL CHART



ASSOCIATED OPERATION 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 STAFF

	Minimum	Maximum
Permanent	38	38
Limited Term	<u>20</u>	<u>55</u>
TOTAL	<u><u>58</u></u>	<u><u>93</u></u>

HERITAGE PARK SOCIETY STAFF

	Minimum	Maximum
Permanent	50	50
Limited Term	<u>5</u>	<u>200</u>
TOTAL	<u><u>55</u></u>	<u><u>250</u></u>

CAPITAL PROGRAM SUMMARY

AS AT DECEMBER 31, 1977

(\$,000)

PROGRAM	APPROPRIATIONS			EXPENDITURES		
	Carry Forward Prior Years	1977 Approvals	Total	Carry Forward Prior Years	1977 Expenditures	Total
500 Park Development	\$ 560	\$ 525	\$ 1,085	\$ 5	\$ 852	\$ 847
501 Community Park Development	894	1,403	2,297	51	1,516	1,567
502 Community Services Bldgs.	-	295	295	-	17	17
503 Major Rec. Fac. and Athletic Parks	1,668	1,106	2,774	52	1,961	2,013
504 Cemetery Development	21	60	81	2	66	68
505 Municipal Golf Courses	1,499	61	1,438	9	220	229
506 Heritage Park	61	-	61	7	47	54
507 Development of Natural Areas	549	399	94	15	686	701
508 Downtown Park Development	106	12	118	-	-	-
509 Depots and Service Facilities	697	163	860	19	213	232
510 Zoo Expansion	168	313	481	-	94	94
511 Planetarium	17	102	119	-	100	100
512 Fort Calgary	4,511	411	4,922	3,092	1,618	4,710
513 McMahon Society	-	1,000	1,000	-	-	-
TOTAL	\$10,751	\$5,728	\$16,479	\$3,242	\$7,390	\$10,632

**ACTUAL
REVENUE/EXPENDITURES
COMPARISON
(\$,000)**

OPERATING BUDGET

	1973	1974	1975	1976	1977
EXPENDITURES	\$9,755	\$11,882	\$15,546	\$17,389	\$19,449
REVENUE	1,976	2,066	2,554	3,156	3,831

CAPITAL BUDGET

EXPENDITURES	\$3,388	\$ 5,180	\$ 6,008	\$ 5,666	\$ 7,390
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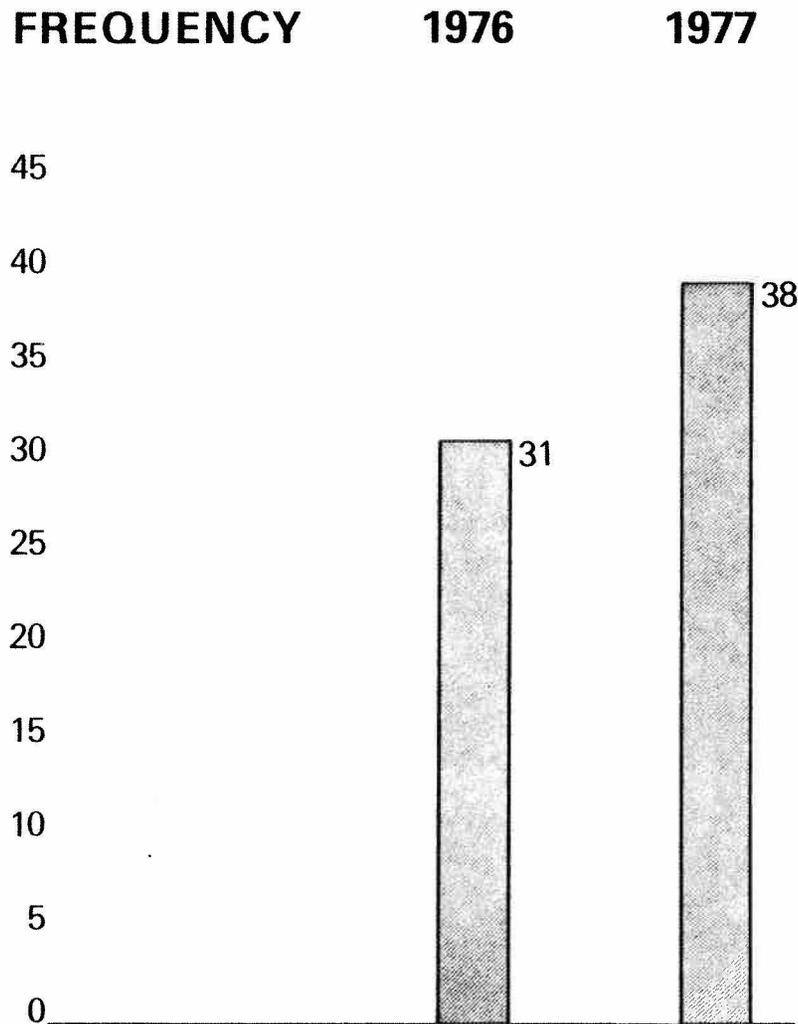
1977 OPERATING BUDGET (\$,000)

PROGRAM	APPROPRIATIONS		ACTUALS	
	Expenditures	Revenue	Expenditures	Revenue
132 *Streets Maintenance	\$ 769	\$ -	\$ 758	\$ -
134 *Downtown Mall	42	-	22	-
269 Weed Control	62	-	74	-
270 Mosquito Control	111	62	97	53
425 Departmental Management	997	46	997	55
427 Planning	445	-	389	-
430 Parks Maintenance	4,940	30	4,856	48
431 Devonian Gardens	323	-	284	-
432 Swim Pools	2,798	788	2,630	804
433 Arenas	1,536	470	1,541	565
434 Community Leisure	1,224	202	1,142	249
435 Athletic Fields	562	33	561	72
440 Community Grants	80	-	80	-
441 Sports Grants	55	-	46	-
444 Central Recreation	1,426	589	1,586	791
451 Zoo	1,382	-	1,368	-
452 Heritage Park	391	-	397	-
453 Planetarium	568	102	563	141
454 Golf Courses	549	510	564	624
456 Cemeteries	672	388	690	423
457 Area Management	661	-	647	-
458 Fort Calgary	72	-	78	4
461 *Information	65	2	67	2
782 *Communications	11	-	11	-
TOTAL	\$19,741	\$3,222	\$19,449	\$3,831

*Components of other department's programs

occupational health and safety

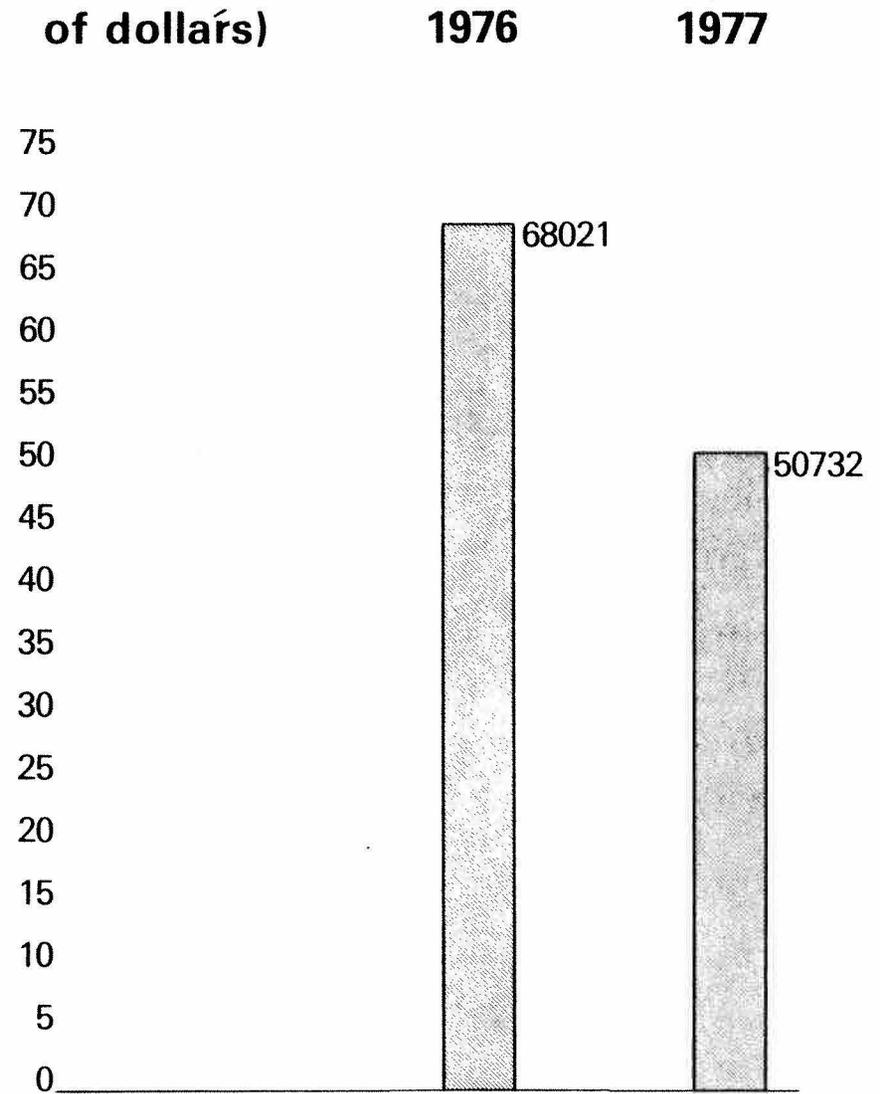
ACCIDENT FREQUENCY



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

ACCIDENT COSTS

(In thousands of dollars)



Costs include Medical Aid, hospitalization, workers compensation and makeup wages paid while employees were off work.

OCCUPATIONAL HEALTH AND SAFETY

The introduction of the Occupational Health and Safety Act December 1, 1976 made 1977 a year of change in the field of accident prevention in Alberta. The Act made many things that were previously merely a responsibility, a legal requirement.

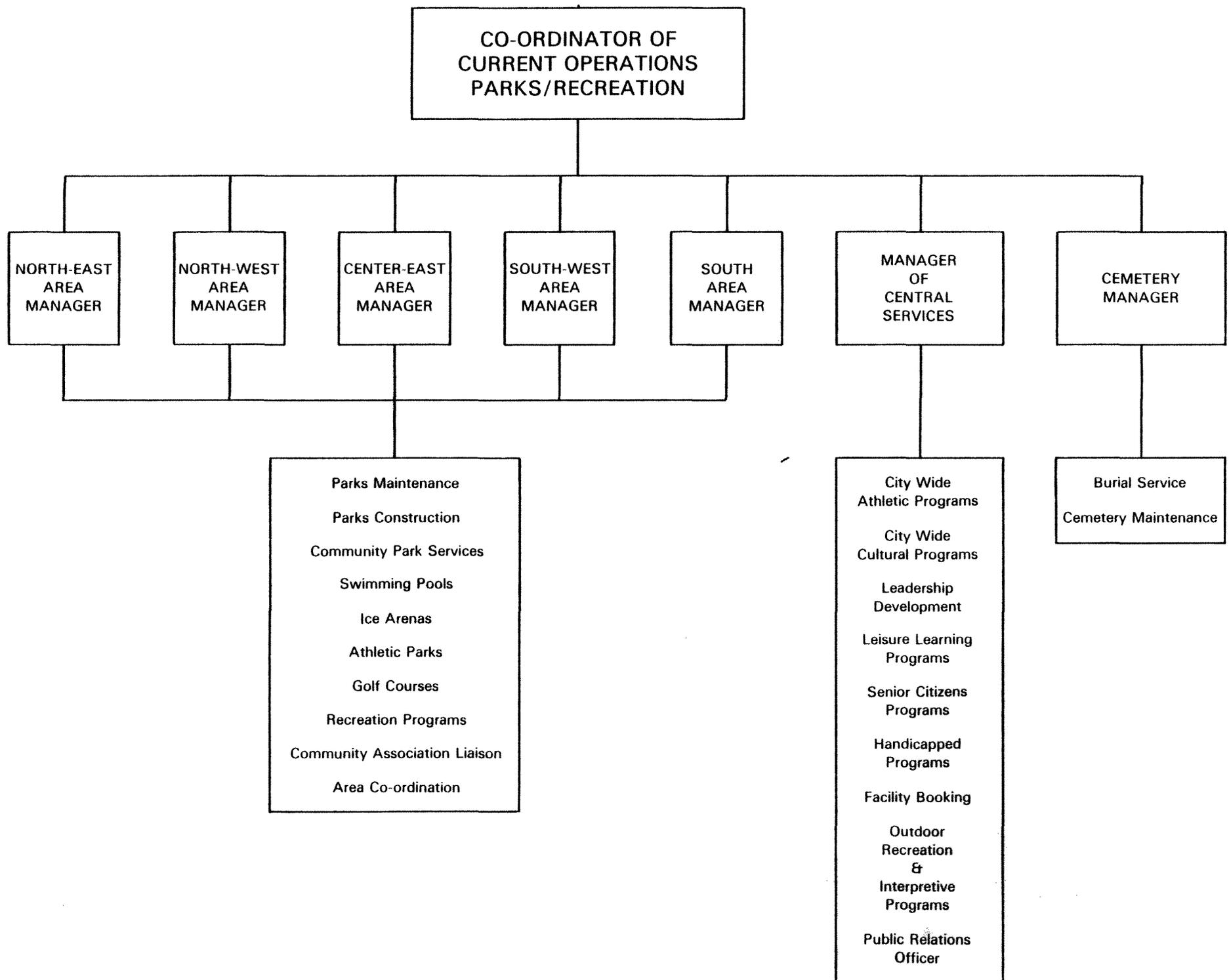
The accident prevention program of the Parks/Recreation Department was however not drastically affected.

COURSES	STAFF NUMBER
Chemicals	45
Basic Accident Control	108
Defensive Driving	62
First Aid	40



3

**current
operations**



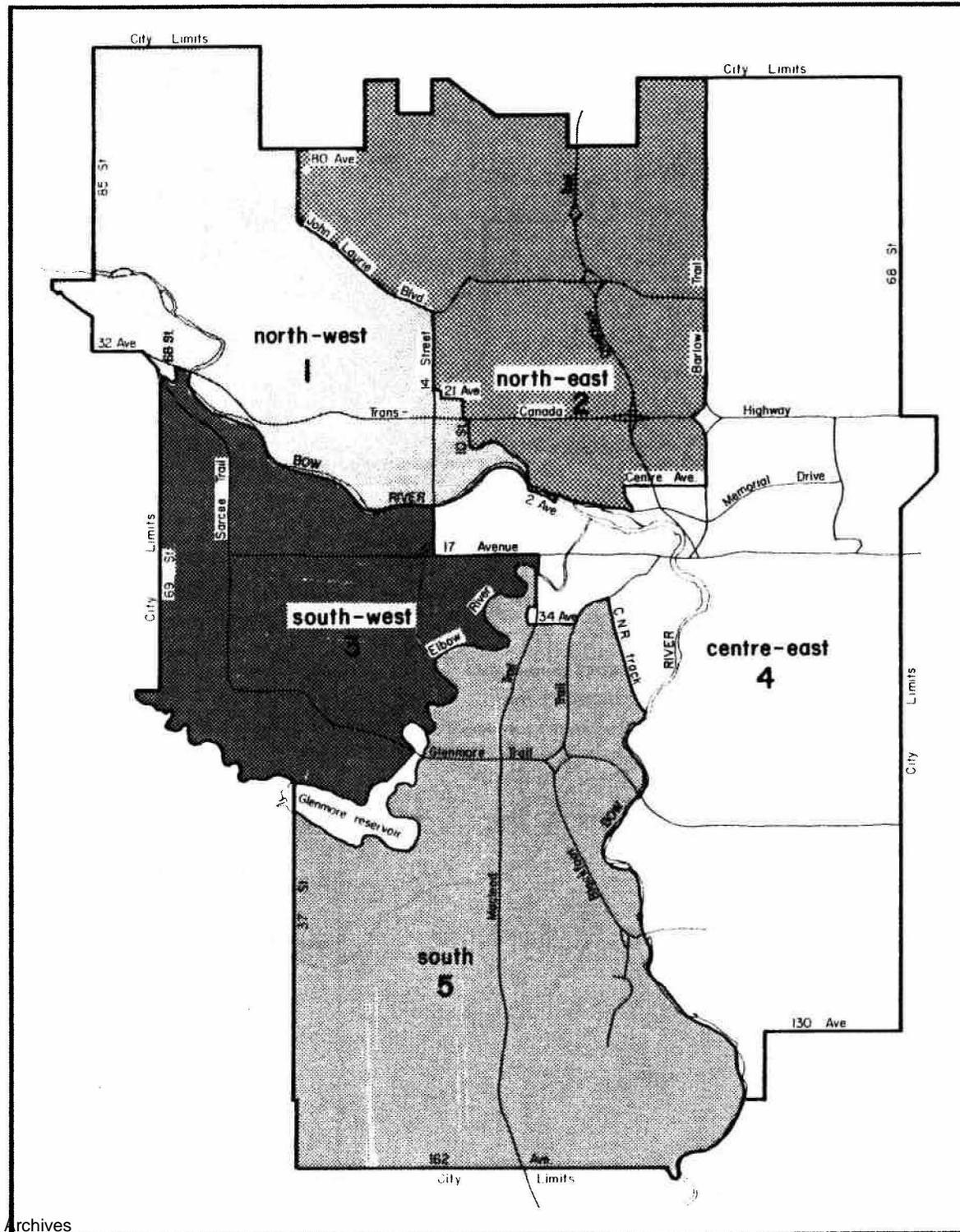
PARKS/RECREATION
AREA
MANAGER

Parks Maintenance
Parks Construction
Community Park Services
Swimming Pools
Ice Arenas
Athletic Parks
Golf Courses
Recreation Programs
Community Association Liaison
Area Co-ordination

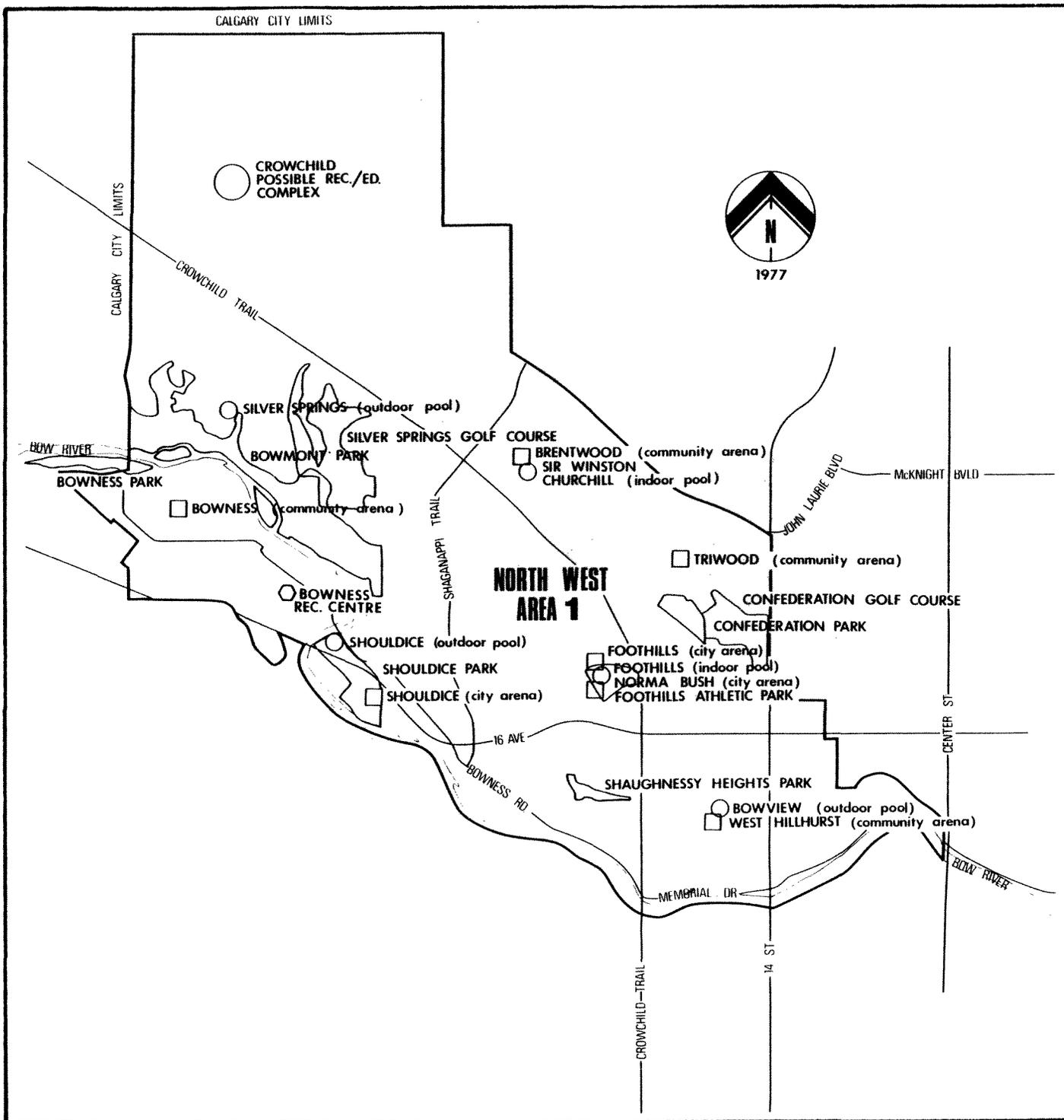
area programs



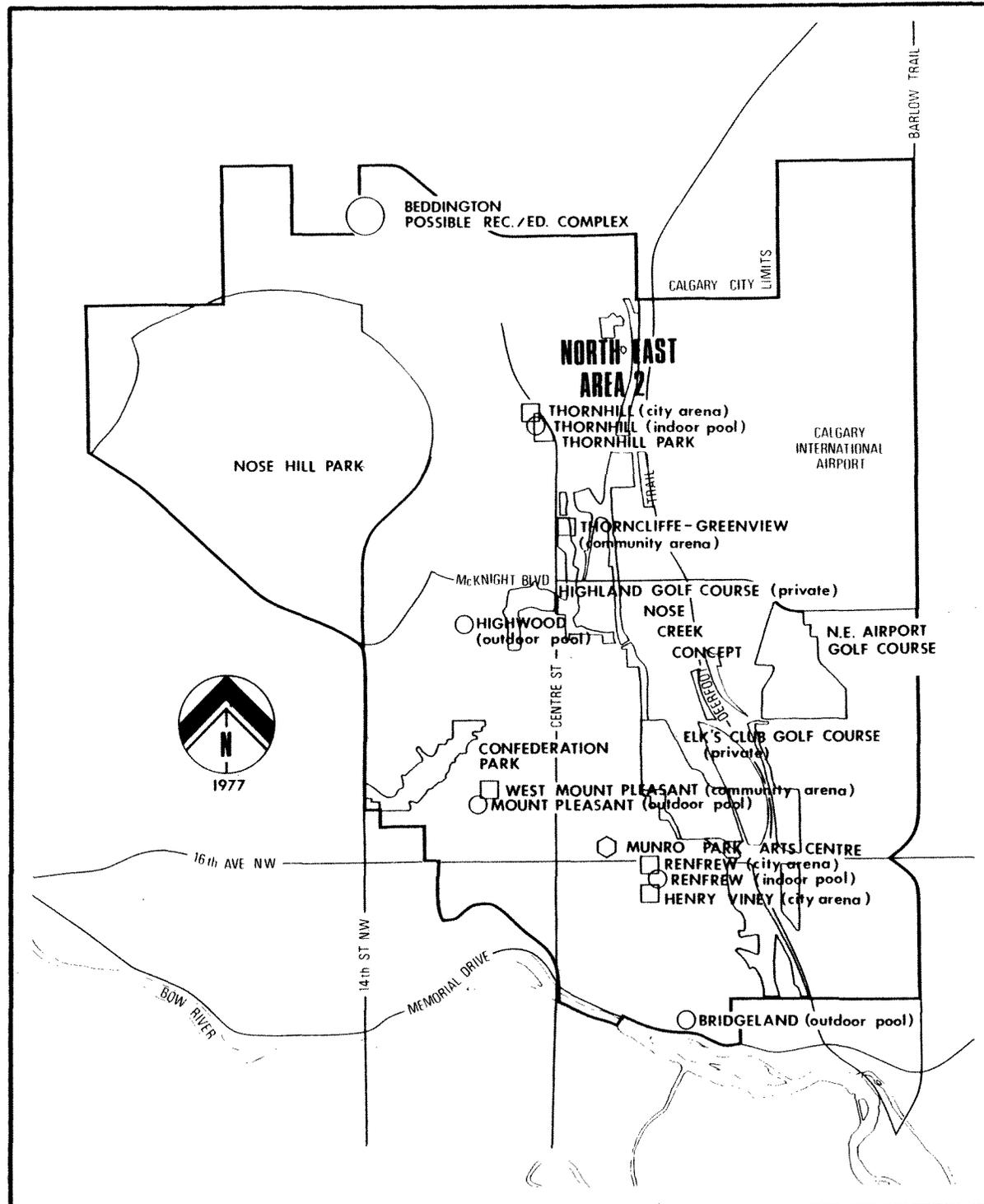
AREA BOUNDARIES



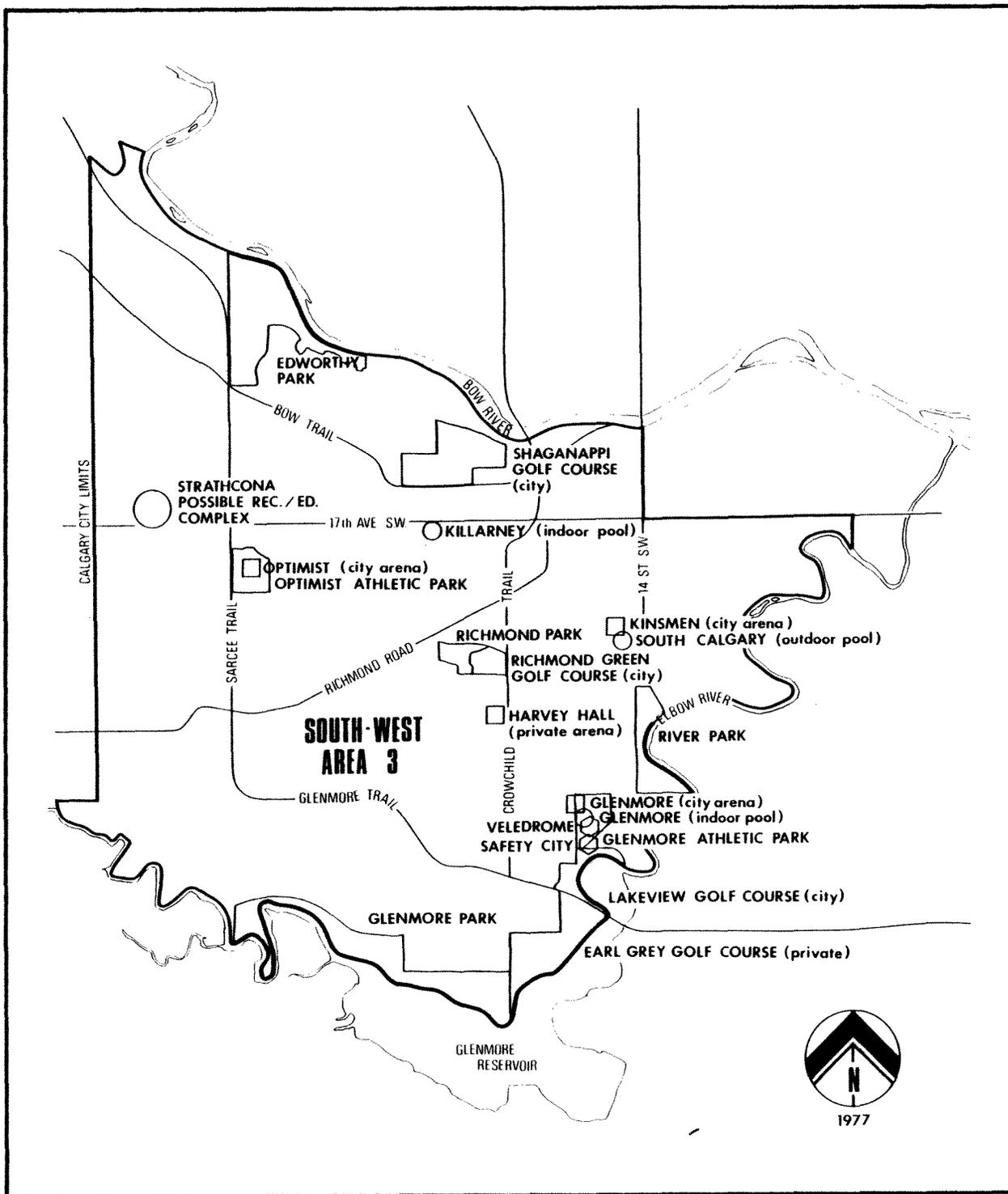
NORTH WEST AREA 1



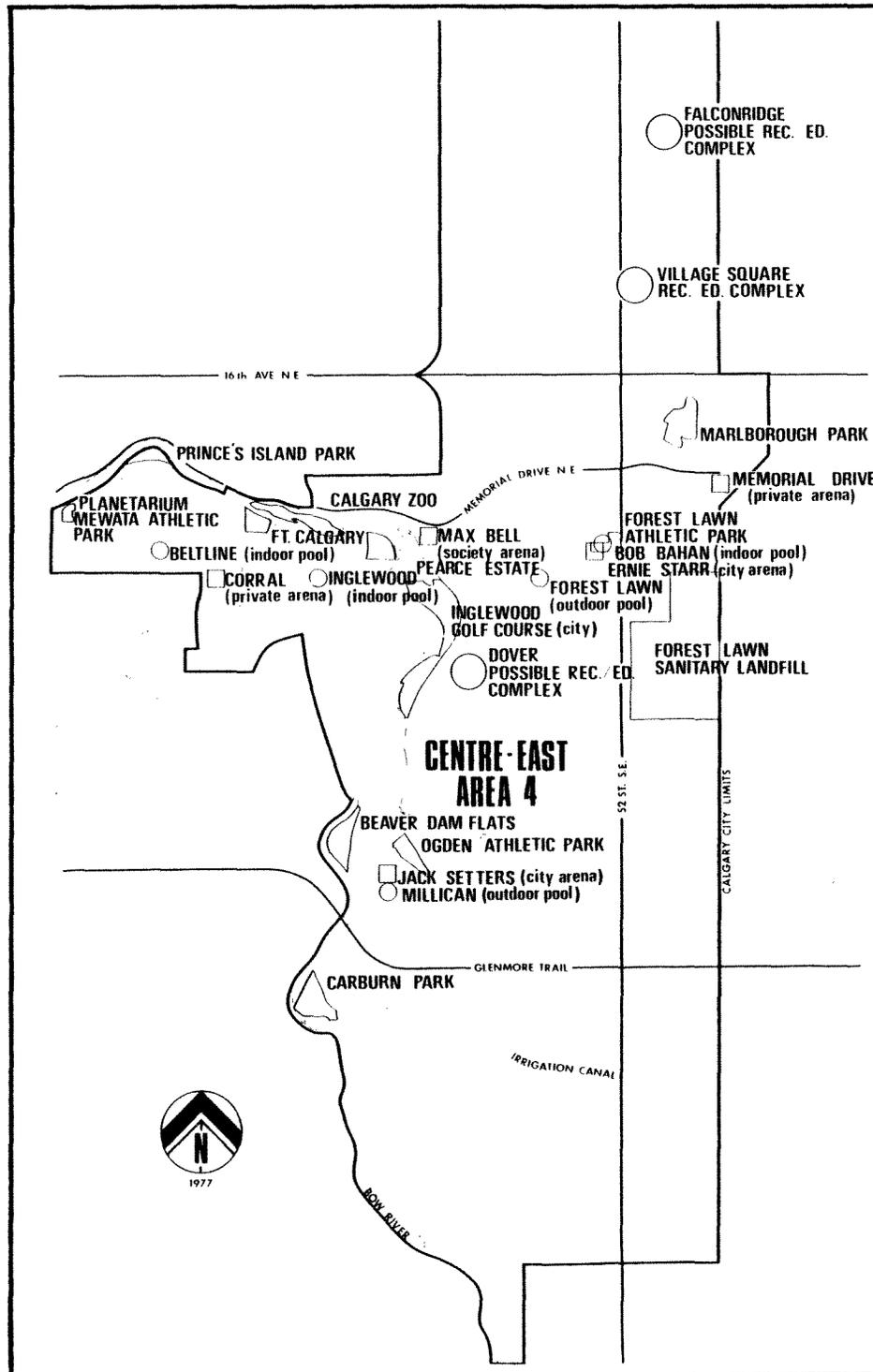
**NORTH EAST
AREA 2**



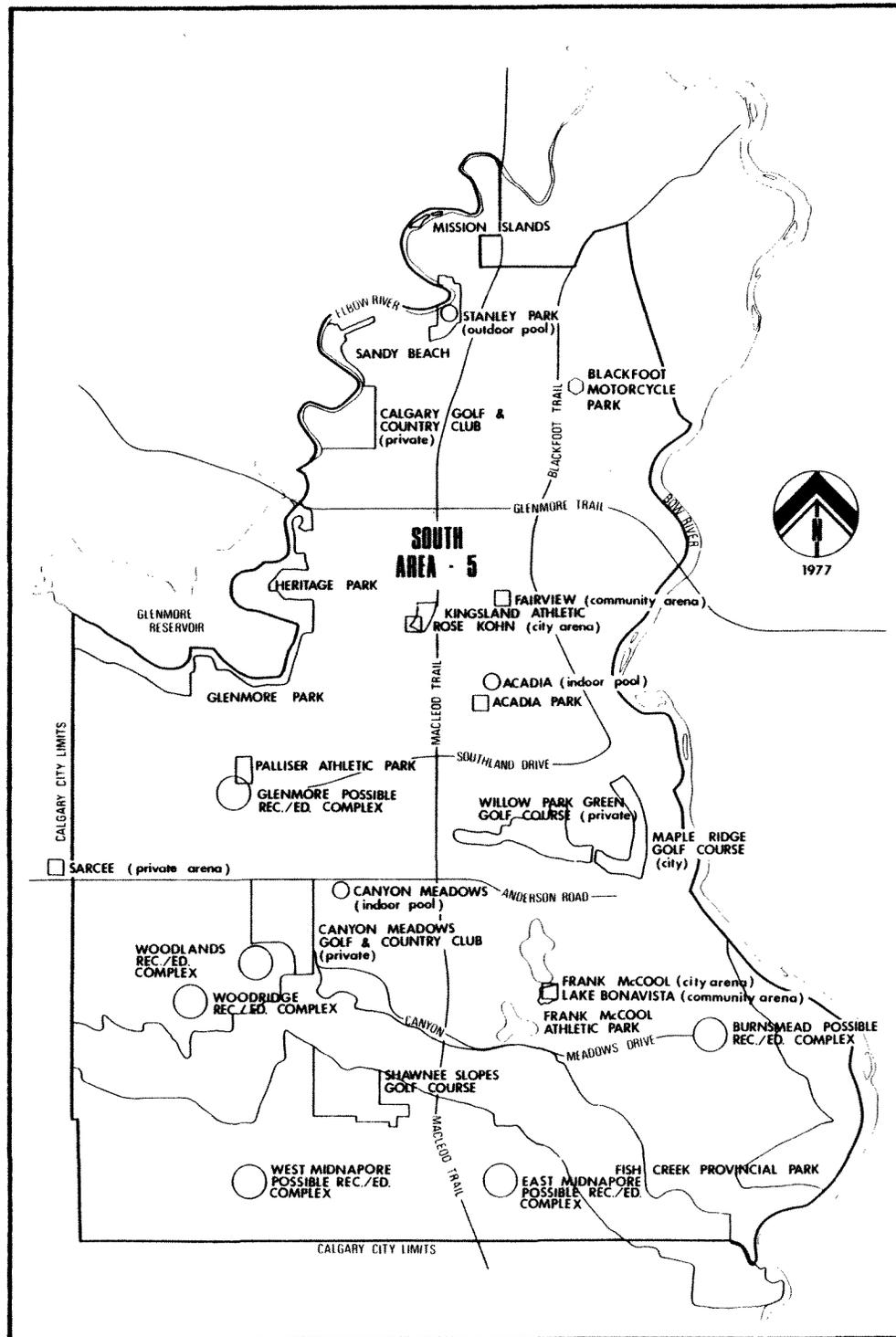
**SOUTH WEST
AREA 3**



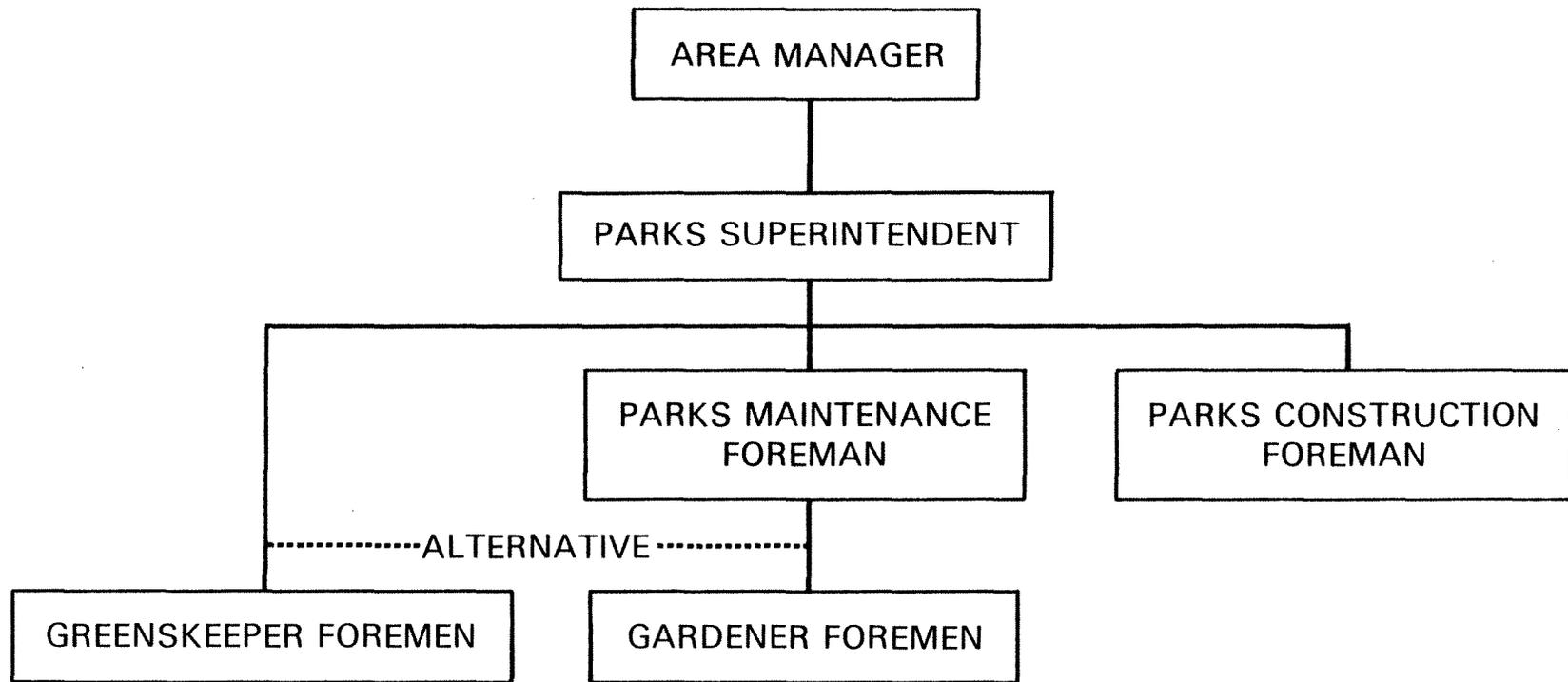
**CENTRE EAST
AREA 4**



**SOUTH
AREA 5**



AREA STAFF ORGANIZATION - PARKS



PERSONNEL

Parks Area	Minimum	Maximum
NORTH WEST (1)	30	202
NORTH EAST (2)	17	114
SOUTH WEST (3)	24	122
CENTRE/EAST (4)	30	190
SOUTH (5)	<u>19</u>	<u>160</u>
Total	<u><u>120</u></u>	<u><u>788</u></u>

PARKS FACILITY INVENTORY

Parks Areas

Feature	NW (1)	NE (2)	SE (3)	C/E (4)	S (5)	TOTAL
Tennis Courts	23	11	23	28	17	102
Baseball Diamonds	44	35	43	44	40	206
Soccer/Football	26	9	30	14	21	100
Playgrounds	83	51	67	78	89	368
Natural Ice Rinks	64	55	61	60	71	311

PARKS

OBJECTIVES:

- Preserving the investment in Park's facilities.
- Accommodating Park's users with safety and reasonable convenience.
- Providing uniform quality standards for Parks and Recreational facilities and sites.
- Upgrading the urban environment.

The operating budget for 1977 was \$4,893,000. which was used mainly for:

1. **GROUNDS MAINTENANCE** - mowing, watering grounds improvement, cleaning and other related activities.
2. **TREE AND SHRUB MAINTENANCE** - includes cultivation, tree pruning and replacements.
3. **FLOWERS** - maintenance of flowers and flowerbeds.
4. **PLAYGROUND EQUIPMENT** - servicing and repair the equipment and the shaded play areas.
5. **NATURAL ICE RINKS** - making ice, repair and installation of rink boards.
6. **TENNIS COURTS** - maintain playing service and nets.
7. **LAWN BOWLING** - maintenance of the special bowling greens.
8. **PLAYFIELDS** - repair and maintenance of the facilities for soccer, football, baseball, field hockey and cricket.
9. **WALKWAYS, ROADS, PARKING FACILITIES AND TRAILS** - repair and maintenance.
10. **FENCES** - repair and maintenance.
11. **FACILITIES AND FURNISHINGS** - janitorial service, repair and maintenance of parks furniture including picnic tables, barbecues and garbage receptacles.

The Parks Inventory Statistics tables show the distribution of the facilities among the five Parks Areas. Those facilities operated and owned by community associations or other agencies have not been included in the tabulations.

PARKLAND ACREAGE

Area	1975	1976	1977
	ACRES	ACRES	ACRES
(1) NORTH WEST			
Turf	666	732	761
Gross	804	870	901
(2) NORTH EAST			
Turf	436	440	487
Gross	1,574	1,577	1,624
(3) SOUTH WEST			
Turf	1,049	1,059	880
Gross	1,258	1,281	1,281
(4) CENTRE/EAST			
Turf	499	505	594
Gross	849	963	1,071
(5) SOUTH			
Turf	718	745	847
Gross	914	954	1,050
TOTAL			
Turf	3,368	3,481	3,569
Gross	5,399	5,645	5,927

PARKS CONSTRUCTION

The Areas Parks Construction Duties Include the Following:

1. **LANDSCAPING** - crews performing landform, loam, seeding of new sites or renovations of old that vary in size from tot lots to joint sites and playfields.
2. **BALL/SOCCER FIELDS** - field maintenance and renovation, backstop maintenance.
3. **TOT LOTS** - equipment installation and maintenance, grounds cut-outs and renovation.
4. **LACROSSE BOX, OUTDOOR HOCKEY AND PLEASURE RINKS** - installation, take-down, repairs, grounds renovations, banking, flooding, cleaning, lighting.
5. **TENNIS COURTS** - net and fence maintenance.
6. **FENCING** - installation and maintenance.
7. **WEED CONTROL** - spraying, cutting, removal.
8. **MOSQUITO CONTROL** - checking for larvae, spraying.
9. **INSECT CONTROL** - chemical spraying on park, boulevard, freeway trees and shrubs.
10. **IRRIGATION** - installation and maintenance.

Major Parks	\$ 846,000
Community Parks	<u>\$1,567,000</u>
TOTAL	\$2,413,000

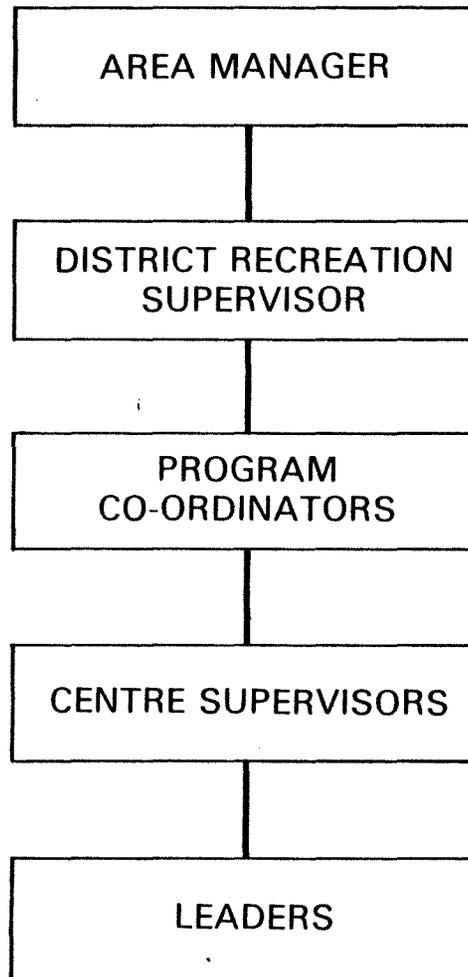
MAJOR THOROUGHFARES FREEWAY GREENS

Parks Area	Acreage	
	Gross	Turf
NORTH WEST (1)	363	359
NORTH EAST (2)	548	537
SOUTH WEST (3)	245	238
CENTRE/EAST (4)	162	121
SOUTH (5)	<u>277</u>	<u>268</u>
Total	<u><u>1,595</u></u>	<u><u>1,523</u></u>

The Major Thoroughfares program expenditures in 1977 was \$758,000. The funds are obtained from the Engineering Department for the maintenance of roads right of way on all expressways, freeways, major roads and rural roads.

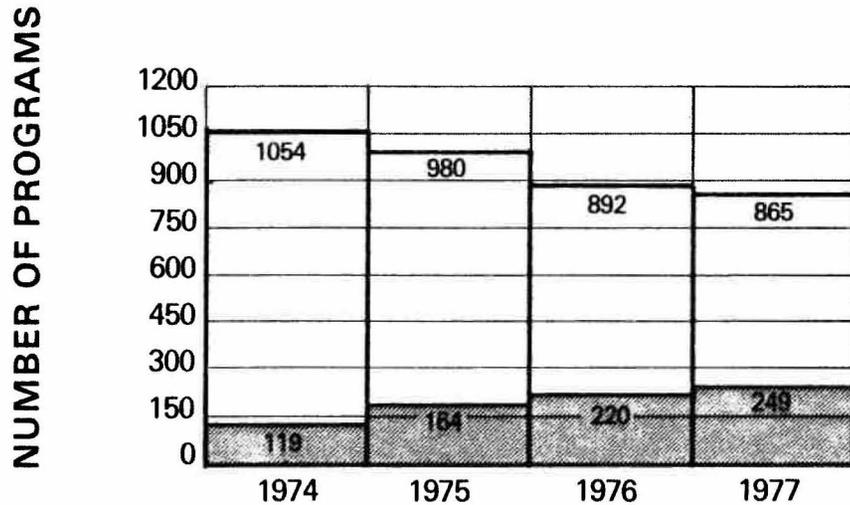
Work on freeway greens varies from weed control on rural ditches to a high level of grounds maintenance on some of the major roads where trees and shrubs are maintained.

AREA PROGRAM – STAFF ORGANIZATION

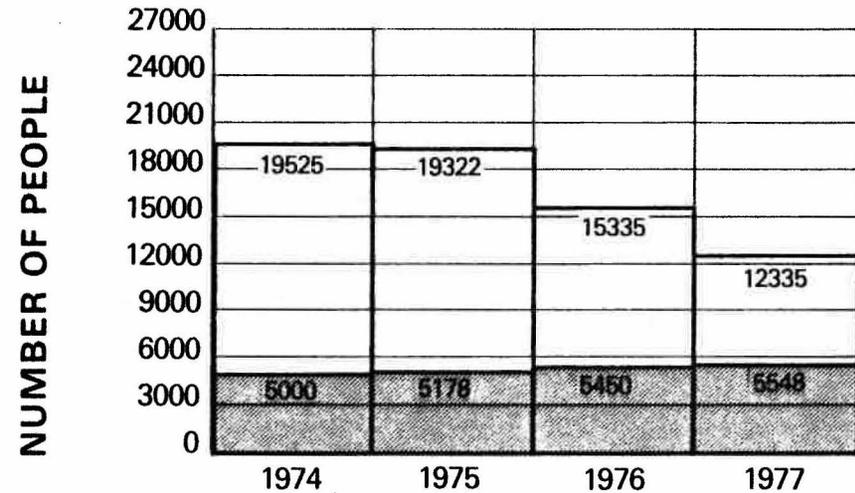


COMMUNITY LEISURE SERVICES

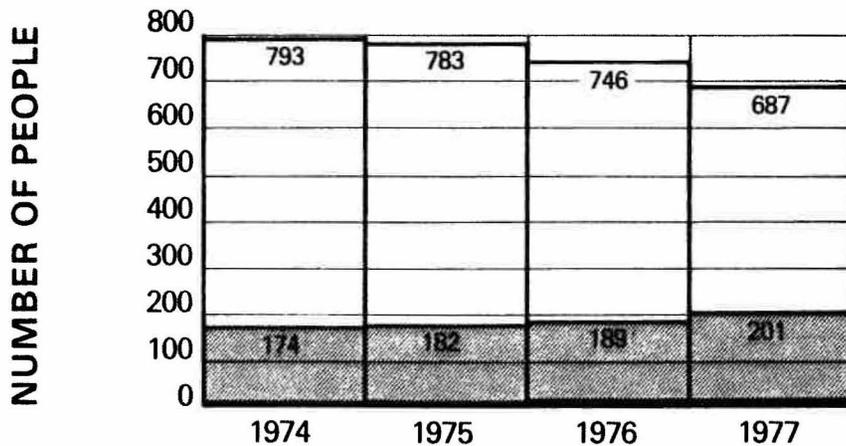
GRAPH #1 PROGRAM GROWTH



GRAPH #2 REGISTRATION GROWTH

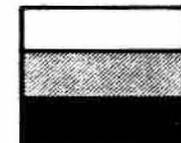


GRAPH #3 STAFF GROWTH



LEGEND

Winter/Spring/Fall Programs
 Summer Programs
 Full Time Staff



COMMUNITY LEISURE SERVICES

SUMMARY

In general the 1977 registration figures are down slightly from 1976. A declining trend has been set for Winter/Spring/Fall Programs. Contributing factors to this trend are:

- slow recovery from the general public to a "fee for service"
- increase in 1977 fees to meet 30% recovery ratio
- an increase in public demand for "quality programs" for their dollars spent
- increase in programs offered by other agencies
- economic uncertainties

Notable successes include a great increase in pre-school and senior citizen programming. Summer sports camp and camping programs were received very well, and are contributing to the rising trend in summer programs. (Refer to graphs #1, 2 and 3.)

TARGET GROUP

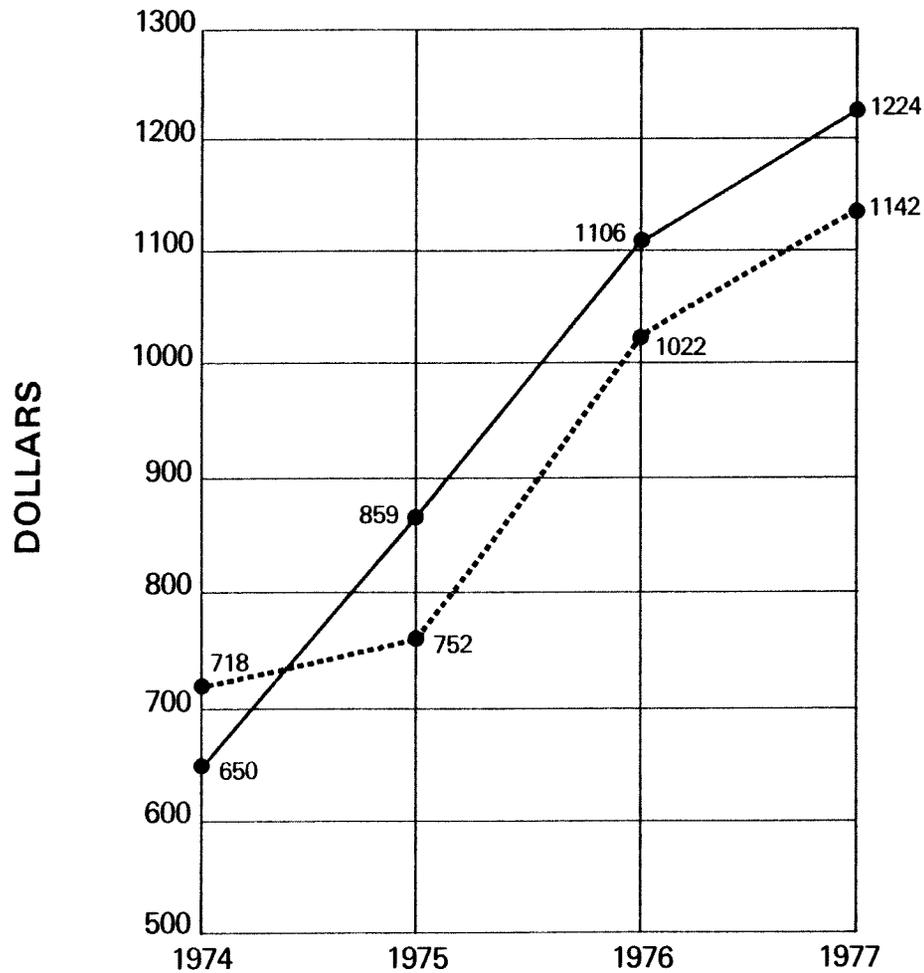
The role of the Community Leisure Services remained basically that of providing recreation programs for children. Some adult programs are provided when there is an expressed need indicated and when other sections within the Department cannot meet these needs.

BUDGET

Budget growth has been consistent with economic trends of the past four years, and thus accounts for sharp rise in graph. Revenue growth has shown a sharp rise since 1975, at which time the "fee for service" concept was activated within the Department. (Refer to graphs #4 and 5.)

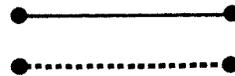
COMMUNITY LEISURE SERVICES

GRAPH #4 BUDGET GROWTH

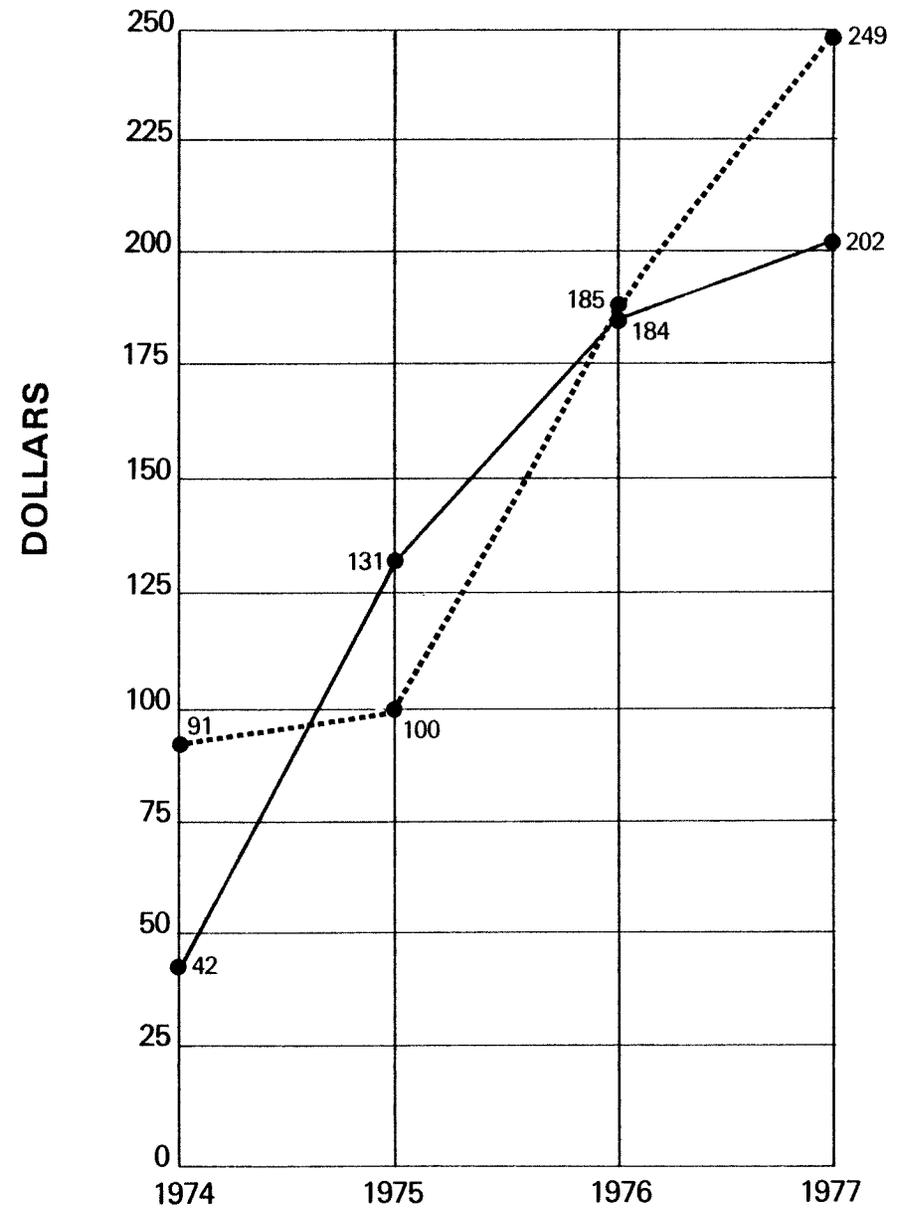


LEGEND

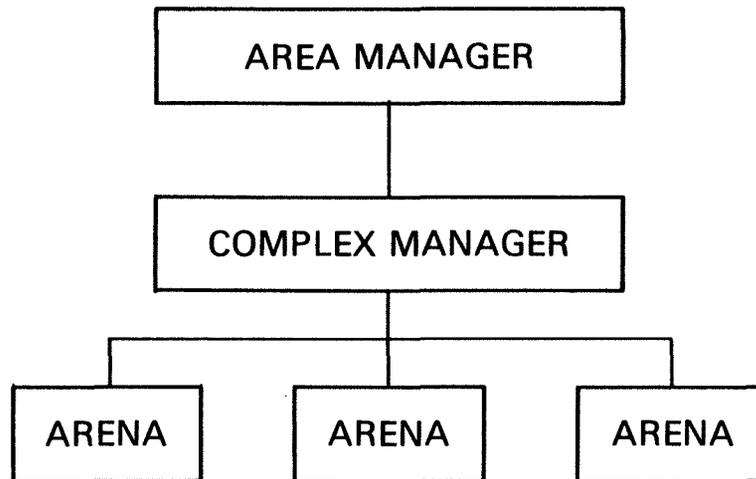
Budget as submitted
Actual Figures



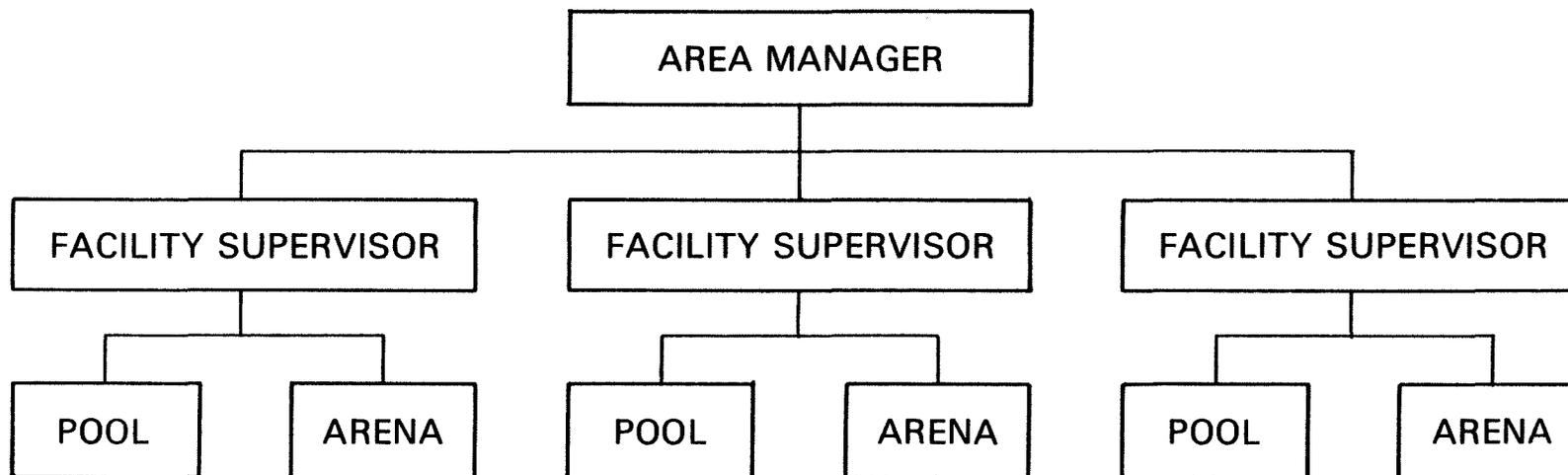
GRAPH #5 REVENUE GROWTH



ARENAS AREA STAFF ORGANIZATION



North West (1) and South (5) Areas
Complex Manager Responsible to Area manager for all Arena Operations



North East (2), South West (3), and Centre/East (4) Areas
Facility Supervisor (5) Responsible to Area Manager for combined Pool/Arena Complexes



ARENAS

CONSTRUCTION:

Henry Viney twin to Renfrew	\$821,173
	<u>500,000</u>

Glenmore floor replacement and installation of heat pad.	<u>\$173,384</u>
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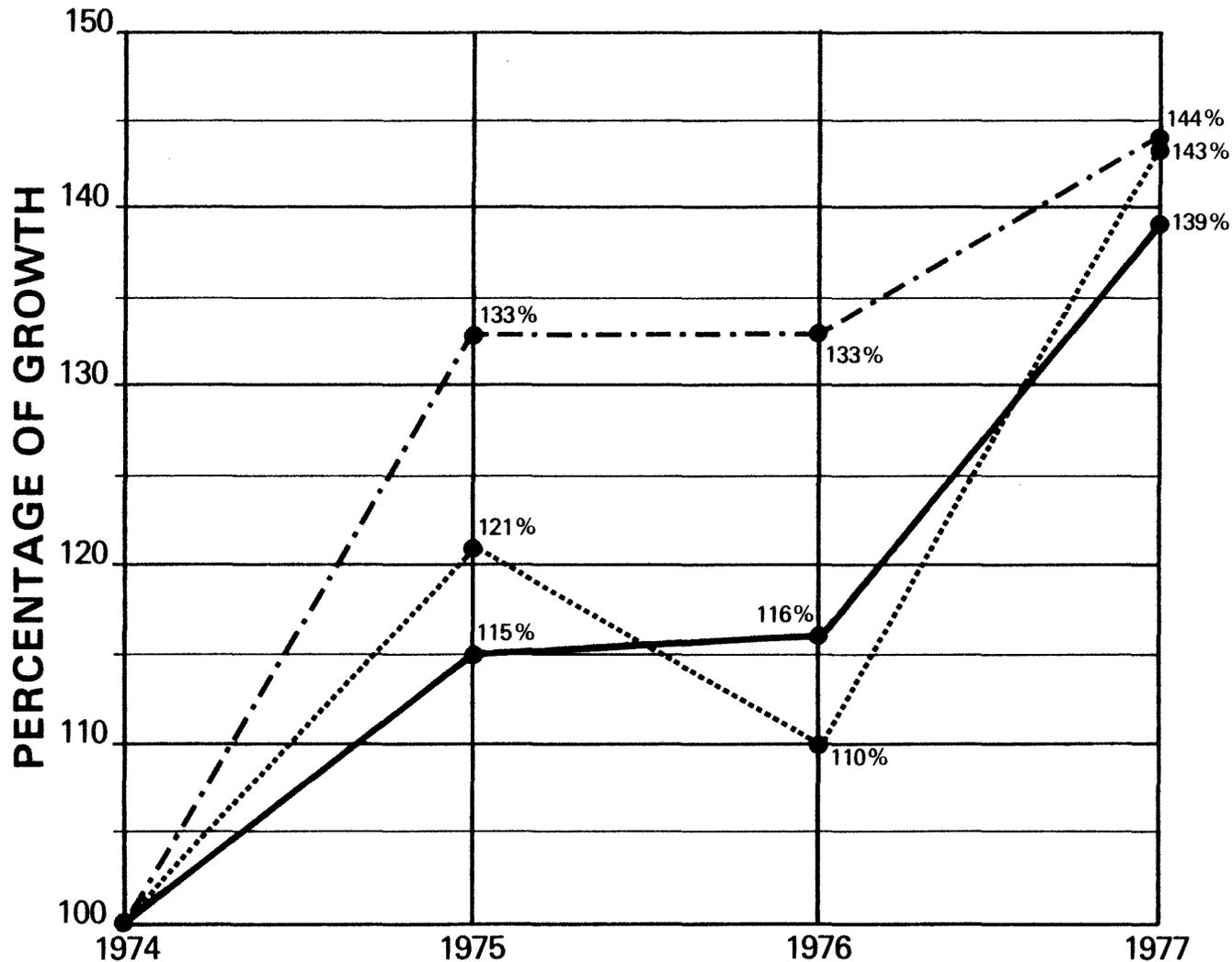
Although not all Arenas were available for ice operations in 1977 (Glenmore - replacement of concrete floor, and Henry Viney, which was opened on June 26), a record number of program hours were utilized - 37,241.

The major contributing factor was better utilization of early morning and late evening ice time by Minor Hockey. Adult users better utilized late hour booking in all Arenas.

PROGRAM GROWTH AREAS:

- Girls hockey
- Adult Broomball
- Shinney hockey
- Kindergarten and Pre-kindergarten.

ARENA DEVELOPMENT/ OPERATION HOURS/USER DEMAND RELATIONSHIP



BASEYEAR 1974

- 818,119 PARTICIPANTS/SPECTATORS
- 26,069 HOURS OF OPERATION
- 9 ARENAS

PARTICIPANTS/SPECTATORS ———
HOURS OF OPERATION
ARENAS - - - - -

ARENA FEATURES/SERVICES

Area	Arena	Construction Year	Seating Capac.	Dressing Rooms	Floor Type	Heating Pad	Plant Capacity	Concession Booths	Vending Mach.	Skate Sharp	Screening	
											Side(s)	Ends(s)
North West	**Foothills	1964	1,950	8	Concrete	--	93T	X	X	X*	2P	2P
	**N. Bush	1974	--	2	Sand	Yes	43T	---	X	X	2P	2P
	Shouldice	1970	150	4	Sand	--	54T	---	X	X	2P	2P
North East	**Renfrew	1966	150	8	Concrete	Yes	100T	X	X	X*	1P	2P
	**H. Viney	1976	400	4	Sand	Yes	100T	X	X	X	1P	2P
	*Thornhill	1972	300	4	Sand	Yes	83T	---	X	X	1P	2P
South West	Kinsmen	1956	250	4	Concrete	--	100T	---	X	X	1P	2W
	Optimists	1972	300	4	Sand	--	50T	---	X	X		2P
	Glenmore	1963	530	7	Concrete	Yes	54T	X	X	X	1P	2P
Centre East	E. Starr	1970	300	4	Sand	--	55T	---	X	X	1P	2P
	J. Setters	1974	200	4	Concrete	--	55T	---	X	X	1P	2P
South	Rose Kohn	1968	350	6	Sand	Yes	75T	---	X	+X	2P	2P
	F. McCool	1974	250	4	Sand	Yes	80T	---	X	+X	2P	2W

P Plexiglass

W Wire

+ Vended Skate Sharpening

* Combined

** Twinned Arenas

- Limited Standing Room in All Arenas.

- Arenas with Heating Pad are more suited to Year-Round Ice Operations.

PARTICIPANT/SPECTATOR COMPARISON ARENAS

	1974		1975		1976		1977	
	Participants	Spectators	Participants	Spectators	Participants	Spectators	Participants	Spectators
Minor Hockey					252,913	255,563	300,446	304,802
Calalta Figure Skating					64,429	27,061	64,602	30,784
Adult Hockey					110,333	54,285	112,013	62,460
Public & Separate Schools					30,559	7,641	35,281	9,168
Junior A & B S.A.I.T. Mt. Royal U. of C.					28,528	40,813	27,515	37,952
Public Skating					27,559	7,641	57,338	16,299
Canadian Forces Base					2,107	1,756	809	1,111
Summer Use					20,341	10,380	33,445	25,676
Misc.							12,761	3,815
Sub Total	473,656	341,266	500,081	943,149	536,769	405,140	644,210	492,067
Total	817,922		943,230		941,909		1,136,277	

ARENA OPERATING HOURS

	1976	%	1977	%
Minor Hockey	10875	38	16239	44
Calalta	4194	15	3453	9
Adult	4680	16	5199	14
P/S Schools	907	3	872	3
Junior A.B. U of C, Mt. Royal and SAIT	1977	7	2140	5
Public Seating	2847	10	5712	15
Misc.	3139	11	2241	6
Non-Ice	<u> --</u>	<u> --</u>	<u> 1386</u>	<u> 4</u>
TOTAL	28619	100%	37241	100%

ARENA OPERATION SCHEDULE

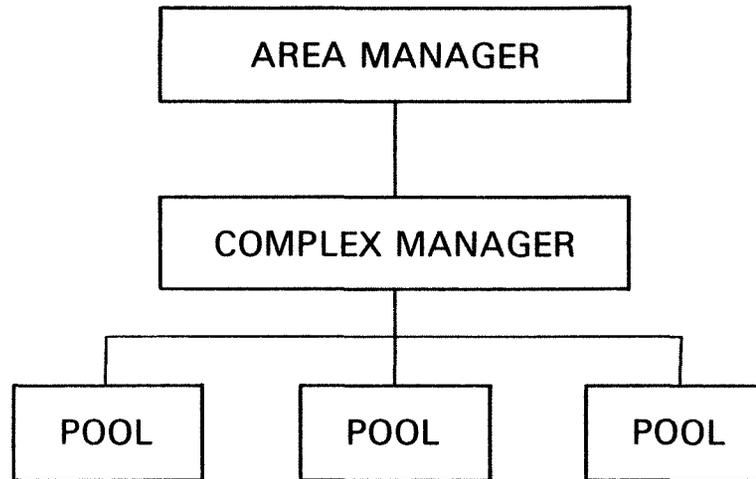
ARENA	January	February	March	April	May	June	July	August	September	October	November	December
Foothills	PROGRAM ICE	PROGRAM ICE	PROGRAM ICE	PROGRAM ICE	PROGRAM ICE	PROGRAM ICE	PROGRAM ICE	PROGRAM ICE	PROGRAM ICE	PROGRAM ICE	PROGRAM ICE	PROGRAM ICE
Norma Bush	PROGRAM ICE	PROGRAM ICE	PROGRAM ICE	PROGRAM ICE	PROGRAM ICE	PROGRAM ICE	PROGRAM ICE	PROGRAM ICE	PROGRAM ICE	PROGRAM ICE	PROGRAM ICE	PROGRAM ICE
Shouldice	PROGRAM ICE	PROGRAM ICE	PROGRAM ICE	PROGRAM ICE	PROGRAM ICE	PROGRAM ICE	PROGRAM ICE	PROGRAM ICE	PROGRAM ICE	PROGRAM ICE	PROGRAM ICE	PROGRAM ICE
Renfrew	PROGRAM ICE	PROGRAM ICE	PROGRAM ICE	PROGRAM ICE	PROGRAM ICE	PROGRAM ICE	PROGRAM ICE	PROGRAM ICE	PROGRAM ICE	PROGRAM ICE	PROGRAM ICE	PROGRAM ICE
Henry Viney	PROGRAM ICE	UNDER CONSTRUCTION			PROGRAM ICE							
Thornhill	PROGRAM ICE	PROGRAM ICE	PROGRAM ICE	PROGRAM ICE	PROGRAM ICE	PROGRAM ICE	PROGRAM ICE	PROGRAM ICE	PROGRAM ICE	PROGRAM ICE	PROGRAM ICE	PROGRAM ICE
Kinsmen	PROGRAM ICE	PROGRAM ICE	PROGRAM ICE	PROGRAM ICE	PROGRAM ICE	PROGRAM ICE	PROGRAM ICE	PROGRAM ICE	PROGRAM ICE	PROGRAM ICE	PROGRAM ICE	PROGRAM ICE
Optimist	PROGRAM ICE	PROGRAM ICE	PROGRAM ICE	PROGRAM ICE	PROGRAM ICE	PROGRAM ICE	PROGRAM ICE	PROGRAM ICE	PROGRAM ICE	PROGRAM ICE	PROGRAM ICE	PROGRAM ICE
Glenmore	PROGRAM ICE	PROGRAM ICE	PROGRAM ICE	PROGRAM ICE	PROGRAM ICE	PROGRAM ICE	PROGRAM ICE	PROGRAM ICE	PROGRAM ICE	PROGRAM ICE	PROGRAM ICE	PROGRAM ICE
Ernie Starr	PROGRAM ICE	PROGRAM ICE	PROGRAM ICE	PROGRAM ICE	PROGRAM ICE	PROGRAM ICE	PROGRAM ICE	PROGRAM ICE	PROGRAM ICE	PROGRAM ICE	PROGRAM ICE	PROGRAM ICE
Jack Setters	PROGRAM ICE	PROGRAM ICE	PROGRAM ICE	PROGRAM ICE	PROGRAM ICE	PROGRAM ICE	PROGRAM ICE	PROGRAM ICE	PROGRAM ICE	PROGRAM ICE	PROGRAM ICE	PROGRAM ICE
Rose Kohn	PROGRAM ICE	PROGRAM ICE	PROGRAM ICE	PROGRAM ICE	PROGRAM ICE	PROGRAM ICE	PROGRAM ICE	PROGRAM ICE	PROGRAM ICE	PROGRAM ICE	PROGRAM ICE	PROGRAM ICE
Frank McCool	PROGRAM ICE	PROGRAM ICE	PROGRAM ICE	PROGRAM ICE	PROGRAM ICE	PROGRAM ICE	PROGRAM ICE	PROGRAM ICE	PROGRAM ICE	PROGRAM ICE	PROGRAM ICE	PROGRAM ICE

LEGEND:

- PROGRAM ICE
- PROGRAM NON-ICE
- PROGRAM CLOSED

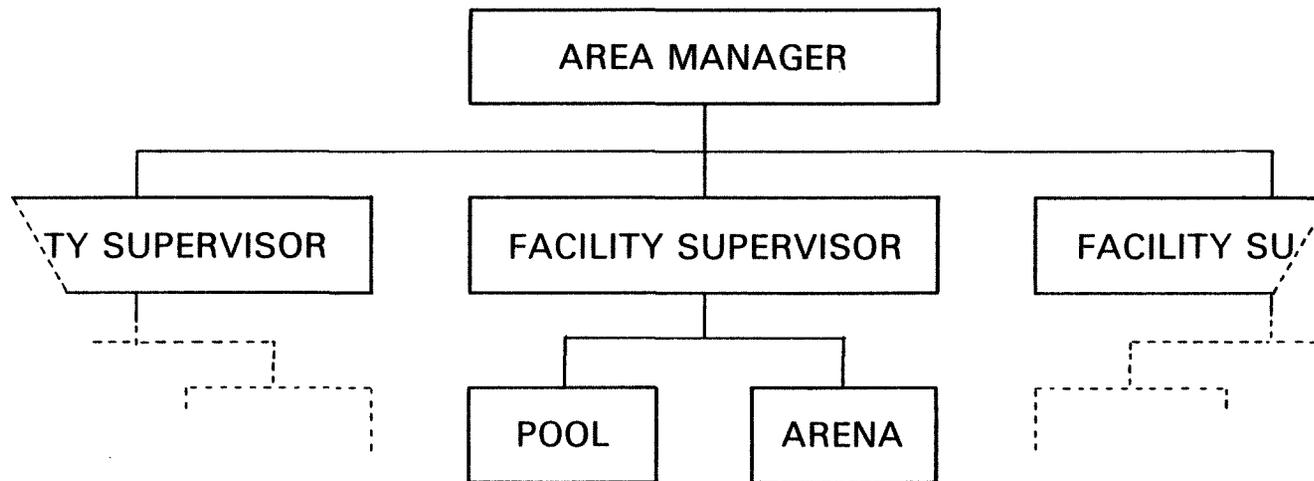


POOLS AREA STAFF ORGANIZATION



North West (1) and South (5) Areas

Complex Manager responsible to Area Manager for all pool operations in respective area.



North East (2) South West (3), and Centre/East (4) Areas

Facility Supervisor(s) responsible to Area Manager for combined pool/arena complexes.



SWIMMING POOLS

GENERAL SUMMARY

No additional facilities have been built in 1977.

The present facilities consist of 11 indoor pools which operate on a year-round basis and 10 outdoor pools which operate only during the summer months.

New Pools are considered for the near future to serve new developed areas in the north-east and south part of the City.

Shouldice outdoor pool is being considered to be enclosed in the near future, in conjunction with the Bowness and Montgomery VIP program.

The opening of the Handball Racquet ball Courts at Acadia are very popular and appear to be an excellent concept for future facilities.

Funds for the replacement of the present wading pool at Riley Park have been approved in the 1978 Budget. Construction is scheduled for Fall 1978.

FACILITY IMPROVEMENTS

Acadia Pool: deck tiled and a major painting job.

Renfrew: swim and diving tanks tiled.

Sir Winston Churchill Pool: Swimming tank and the diving tank tiled.

PROGRAM

With the exception of two (2) pools, only a slight change occurred in attendance of the indoor pools.

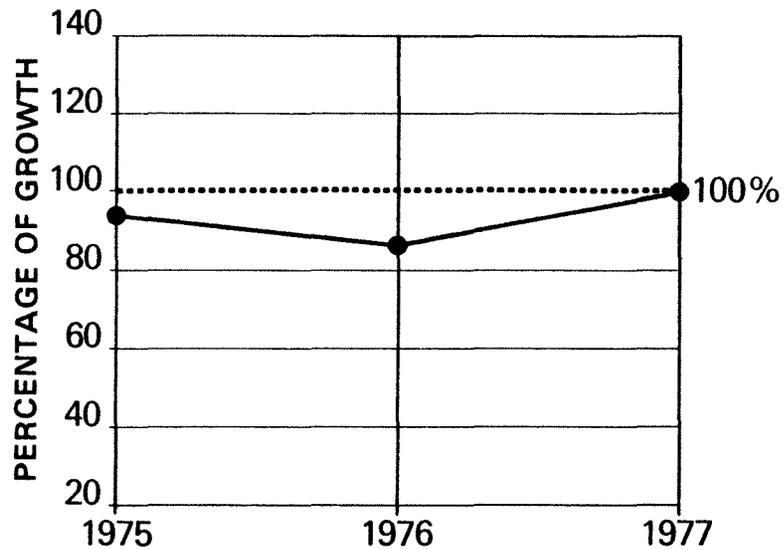
Bob Bahan Pool had a remarkable increase in attendance in 1977 season, basically because of the increasing popularity in the fitness program.

Sir Winston Churchill Pool equipped with sauna and fitness facilities had also a noticeable increase in attendance.

The outdoor pools had a noticeable drop of attendance in 1977, mainly during August, caused by heavy precipitation and cool weather.

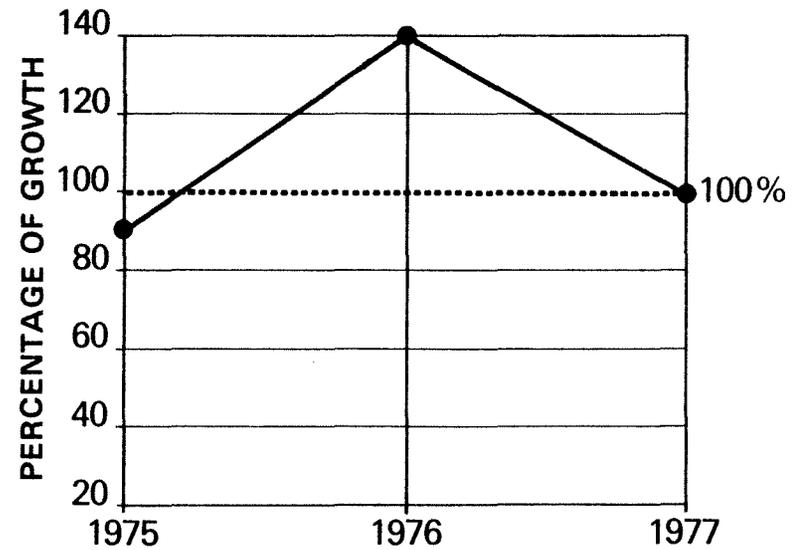
POOL DEVELOPMENT – PROGRAM GROWTH

INDOOR POOLS



Participants _____
Facilities

OUTDOOR POOLS



Participants _____
Facilities

No new facilities were added during this period.

PUBLIC ATTENDANCE (INDOOR POOLS)

Facility	Adults	Non Adults	Total
Foothills	19.823	73.735	93.558
Sir Winston Churchill	45.728	99.450	145.178
Thornhill	23.194	102.255	125.449
Renfrew	25.814	66.008	91.832
Killarny	49.228	112.609	161.837
Glenmore	20.850	81.484	102.334
Bob Bahan	72.536	146.692	219.228
Beltline	18.874	82.102	100.976
Inglewood	6.505	43.774	50.279
Acadia	16.287	92.348	108.635
Canyon Meadows	<u>32.692</u>	<u>180.313</u>	<u>213.005</u>
Totals	<u>331.531</u>	<u>1,080.770</u>	<u>1,412.311</u>

PUBLIC ATTENDANCE (OUTDOOR POOLS)

Facility	Adults	Non Adults	Total
Bowview	1.939	7.477	9.416
Shouldice	4.055	19.763	23.818
Silver Springs	2.907	14.678	17.585
Mount Pleasant	3.251	15.628	18.879
Bridgeland	2.120	4.691	6.811
Highwood	1.286	8.099	9.385
South Calgary	3.315	7.145	10.460
Forest Lawn	1.129	10.988	12.177
Millican	3.061	19.376	22.437
Stanley Park	<u>10.574</u>	<u>25.349</u>	<u>35.923</u>
Totals	<u>29.637</u>	<u>133.194</u>	<u>166.891</u>

TOTAL SWIMMING POOL ATTENDANCE 1977

Adults	Non Adults	Total
<u>361.168</u>	<u>1,213.964</u>	<u>1,575.132</u>

POOL FEATURES — INDOOR

POOLS	DIVING TANK	WADING POOL	HANDICAP AIDS	SAUNA	FITNESS
Foothills	Yes	Yes	No	No	No
Sir Winston Churchill	Yes	No	No	Yes	Yes
Thornhill	Yes	No	Yes	No	No
Renfrew	Yes	No	Yes	No	No
Killarney	Yes	Yes	No	No	No
Glenmore	Yes	No	No	No	No
Bob Bahan	Yes	No	Yes	Yes	Yes
Beltline	No*	No	No	Yes	Yes
Inglewood	No*	No	No	No	No
Acadia	No*	No	No	No	No
Canyon Meadows	Yes	No	Yes	No	No

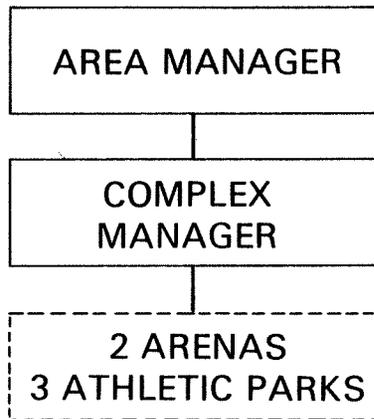
POOL FEATURES — OUTDOOR

POOLS	DIVING TANK	WADING POOL	HANDICAP AIDS	SAUNA	FITNESS
Bowview	Yes	No	No	No	No
Shouldice	No*	No	No	No	No
Silver Springs	Yes	No	No	No	No
Mount Pleasant	No*	No	No	No	No
Bridgeland	No	No	No	No	No
Highwood	Yes	No	Yes	No	No
South Calgary	No*	No	No	No	No
Forest Lawn	Yes	No	No	No	No
Millican	No*	No	No	No	No
Stanley Park	Yes	Yes	No	No	No

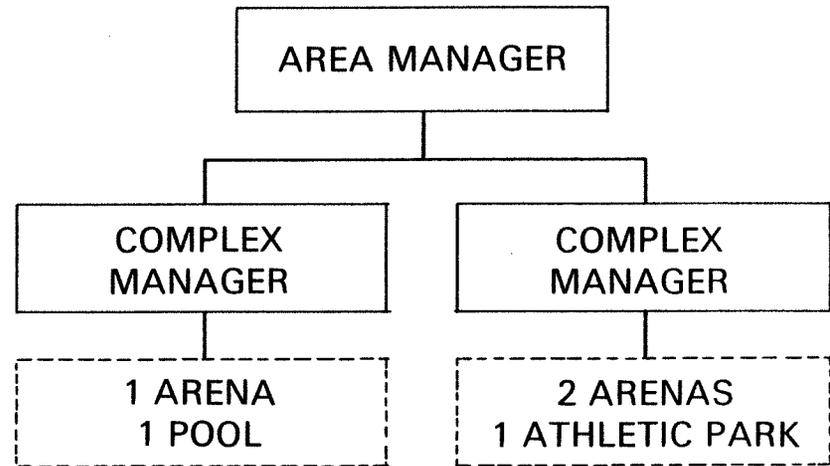
*DIVING IN MAIN SWIMMING POOL

ATHLETIC PARKS AREA STAFF ORGANIZATION

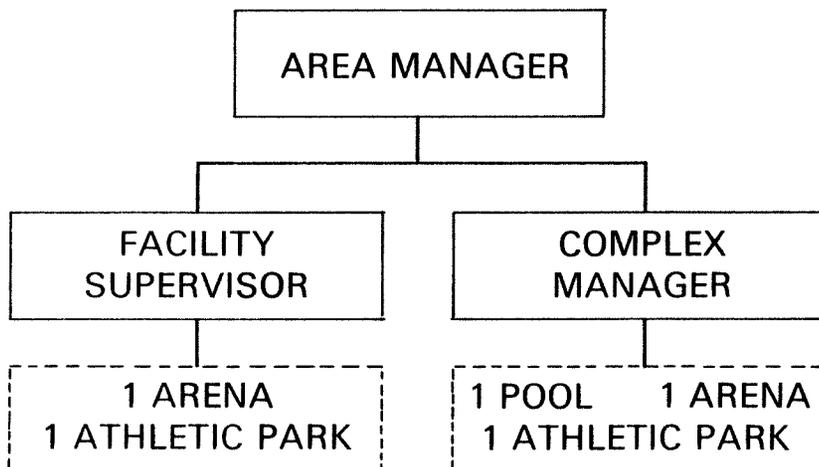
Northwest - Area I and South - Area V



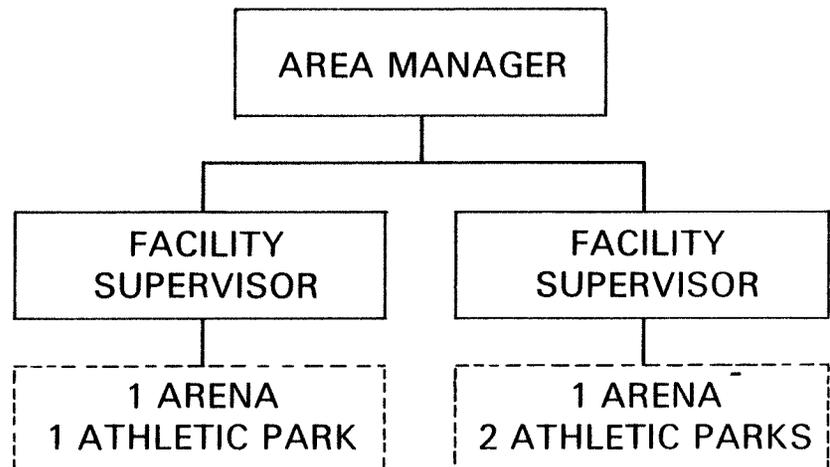
Northeast - Area II



Southwest - Area III



Centre/East - Area IV





ATHLETIC PARK UPGRADING

The general use of facilities and fields commenced during the first week of May and ceased during the first week of November following the high school football regular schedule. The major baseball field at Foothills underwent a number of changes to accommodate professional baseball with the Calgary Cardinal ball team accepted into the Pioneer Baseball League. The Optimist Club made their first major contribution towards the development of the Optimist Athletic Park, by supplying \$10,000 for tree planting and providing players' benches for the new fastball diamonds which were officially opened in 1977. The speedskating oval was removed from inside the velodrome and a new oval was constructed, increasing the size from 333 ½ metres to 400 metres located on City owned land outside Glenmore Athletic Park boundary east of 16th Street. The old speedskating area was reloomed and seeded making a full size soccer/football field inside the velodrome. The running track at Glenmore continues to deteriorate with a large number of stones pushing through the track material each spring.

The upgrading at Foothills consisted of removing the shale and installing a grass infield; upgrading the floodlighting system, rebuilding the player dugouts and installing box seats for spectators. Renfrew Park completed a four year program of improving the irrigation system which now has its entire grass area serviced with an underground system using either pop-up sprinklers or turf valves. Five new ball fields at Optimist Park constructed over the 1975-76 season were open for use for the first time in 1977. New areas are being landscaped each year at the Ogden/Millican Athletic Park. The fields will remain as D classification until other facilities are constructed.

Number of additional soccer fields 4 "C" level.

Number of additional softball fields 2 "C" level.

Number of additional baseball fields 2 "C" level.

FACILITIES CLASSIFICATION

The classification of fields or facilities is based on the following criteria:

CLASS "A" FACILITY

- Totally fenced ground, with crowd control and parking.
- Individual Locker Rooms.
- Spectator Seating.
- Public Restroom Facilities.
- Lighting, available at extra charge.
- P A System.
- Controlled Admission. Tickets supplied or approved by City of Calgary. Fee based on percentage of gate receipts or rental charges.
- Maintenance standard as listed in Appendix.

— Staff on Duty.

ATHLETIC PARK FACILITIES

PARK	ACREAGE	COMBINED SOCCER/FOOTBALL				SOCCER				BALLFIELDS				FIELD HOCKEY			RUNNING TRACKS	TENNIS COURTS	SPECIAL FEATURES
		A	B	C	D	A	B	C	D	A	B	C	D	A	B	C			
Foothills	48.87	1	2	3					1	1	1					1	12		
Shouldice	66.60		2	1				1		5	2	1			1		4	Two lacrosse boxes	
Broadview	4.11					1													
Renfrew	18.25		2						1		1								
Glenmore	74.90	1	1	1				4		1	2					1	13	Veledrome Speed-skating Oval	
Optimist	59.00							1			6				3				
Mewata	9.70	1														1			
Forest Lawn	27.20						1	1			1	1							
Ogden Millican	34.22								2				2				3		
Acadia	10.00										2				1		3	Rugby field	
Kingsland	18.00						2				1							Rugby field	
Frank McCool	15.00							1			2								
Isolated Athletic Fields/Courts									6				49				54		
Total Number of Facilities		3	7	5		1	3	7	9	2	8	20	52		5	3	89		

Facilities — continued

CLASS "B" FACILITY

- Located in fenced and controlled Athletic Parks.
- Communal Dressing Rooms, included in cost.
- Spectator Seating.
- Extra Charge for Lighting if available.
- Maintenance Standard as listed in Appendix.
- Groups may charge Admission and/or Silver Collection at their discretion.

CLASS "C" FACILITY

- Controlled Athletic Play Fields.
- Dressing Rooms, if available, at extra cost.
- Limited Spectator Seating.
- Maintenance Standard as listed in Appendix.

CLASS "D" FACILITY

- Isolated City Play Fields (as individually identified in attached schedule).
- No Charge Facilities or Washroom Facilities.
- No Crowd Control.
- Minimum Seating.
- Maintenance Standard as listed in Appendix.

CLASS "E" FACILITY

- 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 Standard as listed in Appendix.

PROGRAM

The various fields and facilities are permitted through the Booking and Scheduling Section and are booked well in advance based on the user groups' actual schedules. The artificial surface at McMahon Stadium is being used by soccer and fieldhockey as well as the Junior Football League, high school football and Bantam football has eliminated a lot of the abuse to the fields during the early part of May and the late part of October and the first of November.

Increasing the number of floodlit fields to allow double header games would ease some of the demand for new fields. There continues to be a demand by adult groups for fastball diamonds, primarily because the majority of school diamonds are too small, poorly maintained and too close to residential areas.

OPERATING COSTS & INCOME FROM INDIVIDUAL ATHLETIC PARKS

Park	Expenses	Revenue
Shouldice	\$ 81,770	\$13,230
Foothills	114,391	22,676
Broadview	21,874	1,719
Renfrew	46,327	6,186
Glenmore	104,035	10,629
Optimist	78,904	4,664
Forest Lawn	33,574	1,055
Mewata	36,329	5,324
Millican Ogden	29,421	----
Kingsland	18,432	2,869
Acadia	26,053	1,503
Frank McCool	<u>6,233</u>	<u>----</u>
TOTAL.	<u><u>\$597,343</u></u>	<u><u>\$69,855</u></u>

ATHLETIC PARKS BUDGET

The operating expenditures for 1977 exceeded the budget amount by approximately \$35,000, however, this was offset by \$37,000 additional revenue which more than doubled the estimated amount for 1977. The big increases in revenue came from Foothills use of the main field, plus the Calgary Cardinals' use of the major baseball field. Shouldice became the second highest revenue producing athletic park with the addition of floodlighting on two "B" fields, and Glenmore doubled its anticipated revenue by increased use.

OPERATING EXPENDITURES

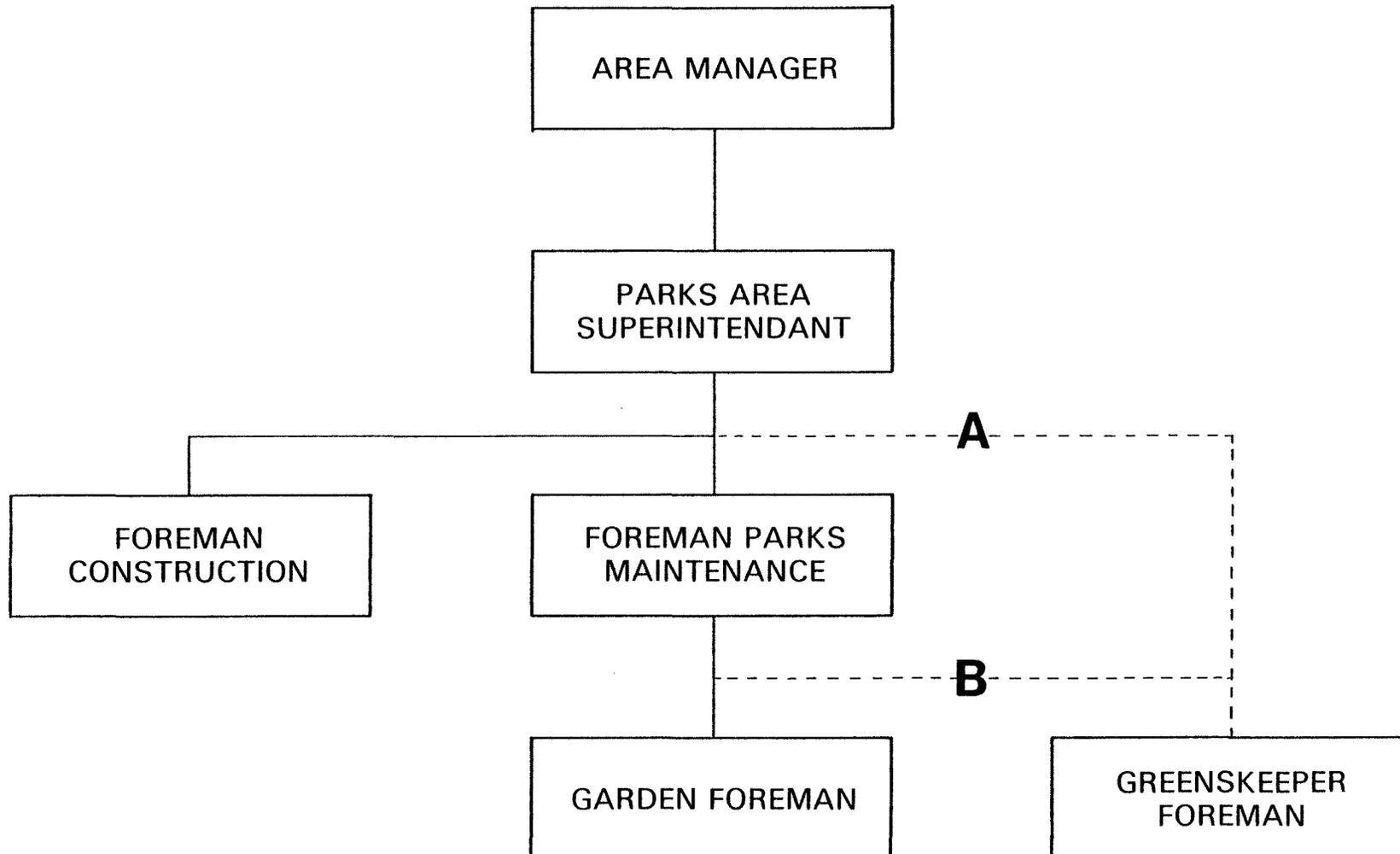
Staff	65%
Equipment	20%
Utilities	8%
Materials	<u>7%</u>
TOTAL	<u>100%</u>

The fee structure for 1977 was not changed from the previous year.

ATHLETIC PARK — PROGRAM USERS

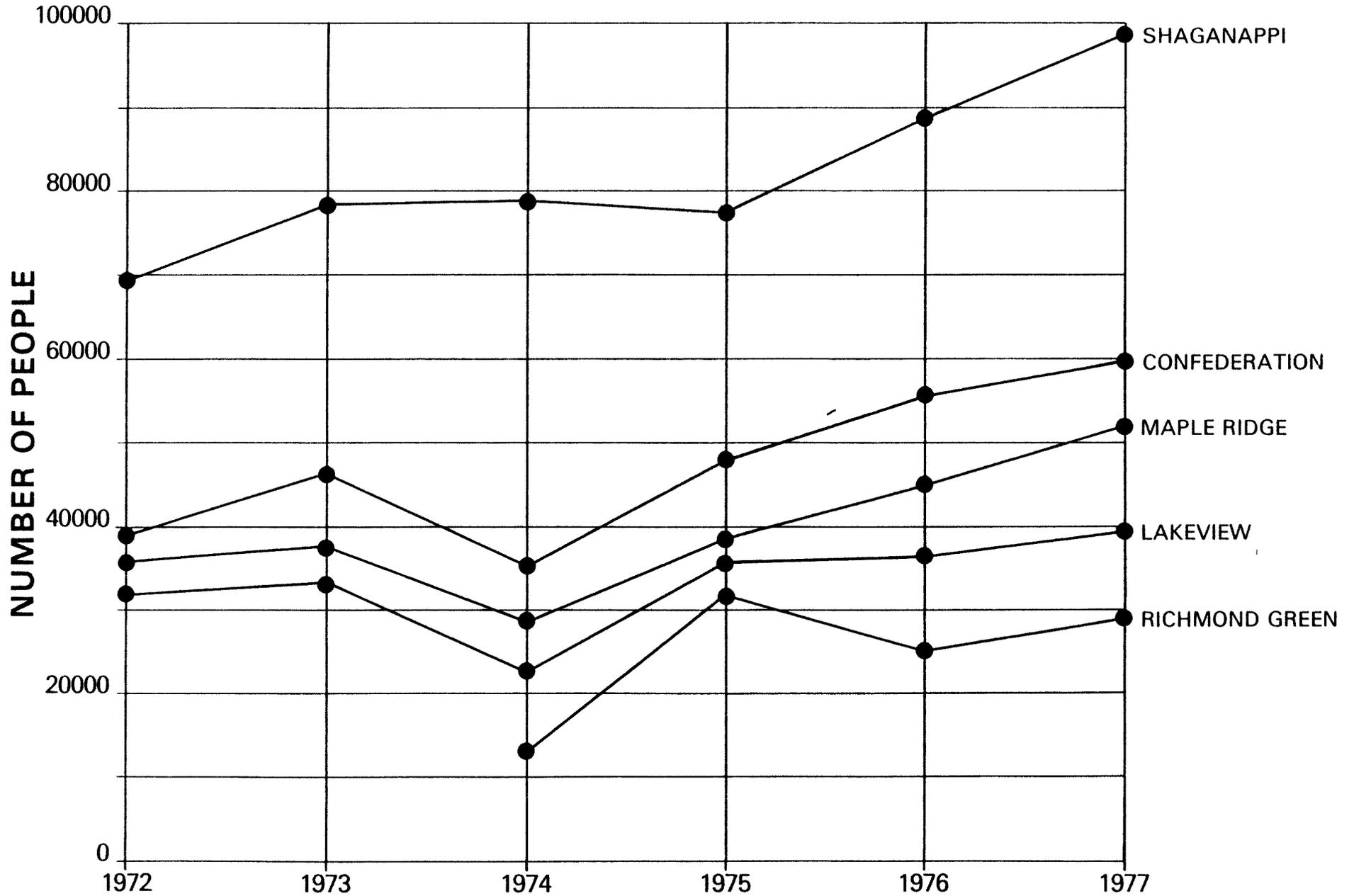
Park	Participants	Spectators	Totals
Foothills	23,210	48,968	72,178
Shouldice	29,027	31,630	60,657
Broadview	2,065	1,722	3,787
Renfrew	13,216	12,215	25,431
Glenmore	36,145	40,395	76,540
Optimist	23,508	13,676	37,184
Mewata	4,245	6,040	10,285
Forest Lawn	10,890	7,335	18,225
Odgen Millican	2,360	1,200	3,560
Acadia	6,915	1,200	8,115
Kingsland	7,192	8,580	15,772
Frank McCool	1,557	300	1,857

GOLF COURSES AREA STAFF ORGANIZATION



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

GOLF PROGRAM GROWTH



GOLF COURSES

NEW FACILITIES

The only operational change during the past year was the opening of the driving range at Confederation. The range has 20 tee-offs and commenced operation on July 1, 1977. In future years the driving range will open in late March and carry on till October 31 weather permitting.

The early opening can be accomplished because the tee-off area is not subject to the same damage as the tees and greens on the regular course. Also the opening will alleviate the problem of people climbing the fence to the golf course to practise hitting balls prior to the opening of the golf course.

Shaganappi constructed a new green on the left side of the number four fairway. This was primarily to eliminate the golf balls being hit over the fence on 33rd Street into the Housing Development of Shaganappi Village.

GOLF LESSONS

One golf professional is under contract to teach golf at the four ninehole courses. The pro is paid a salary and divides his time between the four courses, two days at each Confederation and Maple Ridge, and one half for each of Lakeview and Richmond Green. Golf materials and equipment are sold through the clubhouses by the cashiers for the professional as part of his contract.

The parking lots at both Confederation and Shaganappi are unable to accommodate all persons with their vehicles during the heavy use times.

SKIING

The various courses are used during the winter months for skiing. Confederation and Maple Ridge each are opened to the general public for cross-country skiing, with lessons organized by the central recreation services division. Richmond Green is used exclusively for the blind skiers as it is totally fenced and can be better controlled than other areas.

Shaganappi offers a complete ski operation under a private contract which pays the city five percent of gross sales. The contractor provides three ski tows, snow-making equipment plus floodlighting for night skiing. Complete sets of ski rentals are available for both down hill and cross-country, as are lessons for both activities.

PROGRAM

Shaganappi, Maple Ridge and Confederation each have a booking system which allows the users to plan their games. Weekdays golfers can phone 24 hours in advance to book specific times.

Weekend and holiday bookings are taken Thursday morning when the clubhouse opens. Within an hour of the clubhouse opening each day, all the prime times have been booked.

From statistics received from private clubs, it appears that city courses accommodate fifty percent more golfers than others.

GREEN FEES 1976 - 1977

	SHAGANAPPI		CONFEDERATION MAPLE RIDGE	LAKEVIEW RICHMOND GREEN
	9 HOLES	18 HOLES	9 HOLES	9 HOLES
Adults				
Weekdays	\$2.20	\$4.40	\$2.20	\$1.40
Weekends and Holidays	\$2.75*	\$5.50	\$2.75	\$1.40
Non-Adult and Senior Citizens				
Weekdays	\$1.10	\$2.20**	\$1.10	\$.70
Weekends and Holidays	\$1.40*	\$2.75**	\$1.40	\$.70

*Valley Nine Only

**Not valid AFTER 4 P.M. on weekdays or BEFORE 4 P.M. on weekends and holidays.

NOTE: Cart and club rentals at all courses.

SEASON TICKETS SHAGANAPPI, CONFEDERATION AND MAPLE RIDGE ONLY

Season Tickets	Family Husband and Wife and Dependants 17 and Under	Husband and Wife	Adult	Senior Citizen	Non-Adult 17 and Under
Unrestricted	Not available	\$165.00	\$121.00	\$60.50	Not available
Restricted	\$187.00	Not available	\$ 75.00	\$37.50	\$37.50

1977 EXPENDITURES & REVENUES

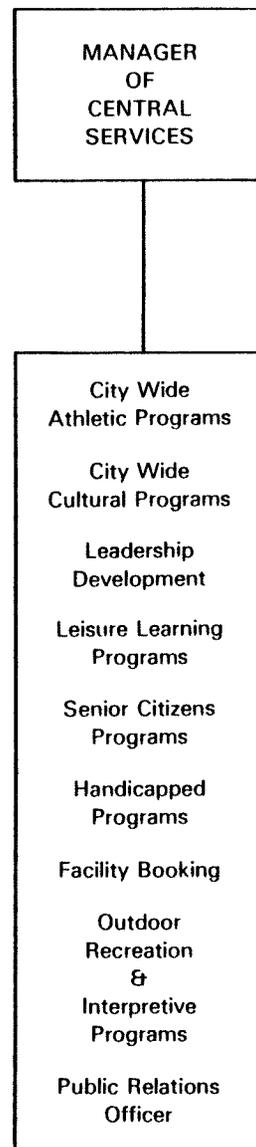
	Shaganappi	Confederation	Maple Ridge	Lakeview	Richmond Gr.	Total
Course Maintenance	164,147	98,493	81,442	34,933	31,438	410,453
Clubhouse	27,328	39,108	34,636	27,557	22,567	151,196
Total Expenditures	191,475	137,601	116,078	62,490	54,005	561,649
Green fees & rentals	222,405	110,017	100,684	50,946	36,735	520,787
Lunch Counter	6,391	24,530	20,746	10,272	6,464	68,403
Driving Range	-----	22,999	-----	-----	-----	22,999
Total Revenue	228,746	157,546	121,430	61,218	43,199	612,189

GOLF COURSE DATA

Course	Acreage	Holes	Yardage	Par	Advance Bookings	Special Features
Shaganappi - main	151.3	18	5524	70	Yes	
- valley		9	2360	No		
Confederation	103.9	9	3404	36	Yes	Driving Range
Maple Ridge	80.6	9	3510	Yes		
Lakeview	40.7	9	1831	30	No	Par 3
Richmond Green	19.5	9	1302	27	No	Par 3
Total	396.0	63				

GOLF COURSE USERS (ROUNDS OF 9 OR 18 HOLES)

Course	Season Tickets	Adults	Juniors	Senior Citizens	Total	% Of Business Received
Shaganappi	33,403	52,128	8,562	4,224	98,317	35
Confederation	23,182	28,113	7,460	1,228	59,983	22
Maple Ridge	12,684	28,257	9,152	1,589	51,682	19
Lakeview	NIL	24,006	13,738	1,828	39,572	14
Richmond	NIL	17,209	9,799	1,678	28,687	10
TOTAL	69,269	149,713	48,711	10,547	278,241	100%
% of Admissions	25	54	18	4	100%	



central recreation services

CENTRAL RECREATION SERVICES

Central Recreation Services provides those recreation services which do not lend themselves to decentralization.

This includes:

- City Wide Programs
- Leadership Training Programs
- Staff Development
- Consultative Services to the Public
- Support Services to the Decentralized Offices

Central Recreation Services provides Programs and Services in the following sections:

- Adult Leisure Learning
- Aquatics
- Athletics
- Community Leadership
- Cultural and Special Events
- Equestrian
- Facility Booking and Scheduling
- Handicapped
- Inglewood Bird Sanctuary
- Outdoor Recreation and Nature Interpretation
- Public Relations
- Senior Citizens

ADULT LEISURE LEARNING SERVICES

A walk through Fine Arts and Craft Display was held at the Marlborough Shopping Mall, in recognition of the rapidly growing North Eastern part of the city.

The following 16 courses were developed during 1977:

- Hungarian Embroidery
- Applehead Dollmaking
- Creative Fabric Design
- Moppet People
- Natural Dyeing Workshop
- Natural Dyeing Field Trip
- Primitive Weaving Workshop
- Polydomes
- Cruise Sailing
- Acting and Direction
- Fashion Illustration
- Go
- Ballroom Dance Practice
- Tap Dance
- Introduction to Belly Dancing
- Disco Dancing

The Ceramic Seminar was undoubtedly the most successfully organized seminar the section has presented to date. It was attended by 212 potters from Canada and the North Western United States.

The Leisure Learning staff moved from the Education Centre to Parkhill Elementary School, where the section offered a limited number of art and craft programs at Parkhill Centre in the Fall of 1977.

TOTAL CLASSES	795
TOTAL INSTRUCTORS	498
TOTAL REGISTRATION	14,610

SPECIAL EVENTS

TOTAL EVENTS	6
TOTAL PARTICIPANTS	1,065

LEISURE LEARNING 1977 COST/REVENUE

REVENUE		
Registration Fees	\$179,919	
Provincial Government		
Further Education Grant	<u>102,032</u>	\$281,956
COSTS		
Honoraria to Instructors	\$179,919	
Clerical and Caretakers	5,576	
Supplies & Misc. Charges	<u>70,123</u>	\$255,618
Excess Revenue retained by Board of Education to defray school facility use and administration costs.		\$ 26,338

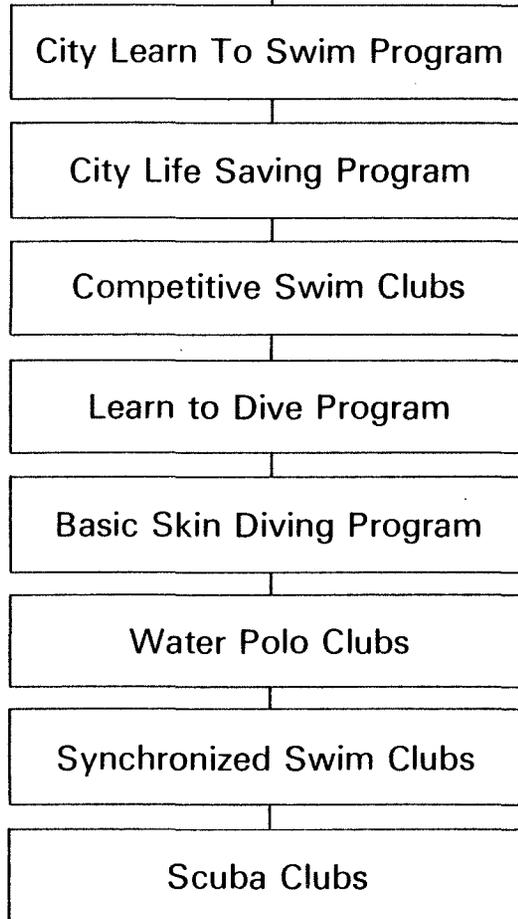


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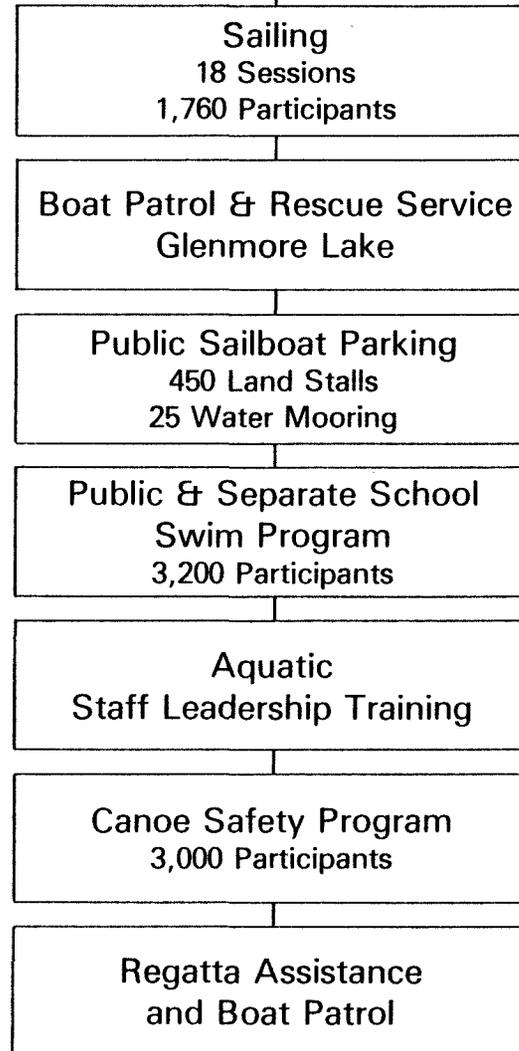
The sailing school purchased 20 new "Mistral" boats and as a result will be offering higher levels of sailing to both junior and adults.

AQUATICS

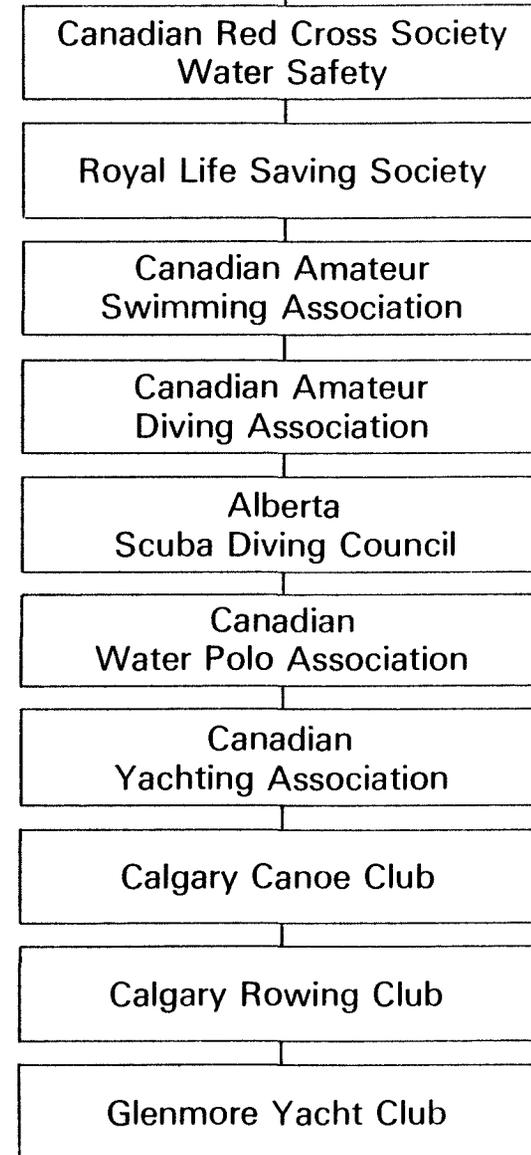
CONSULTATION WITH



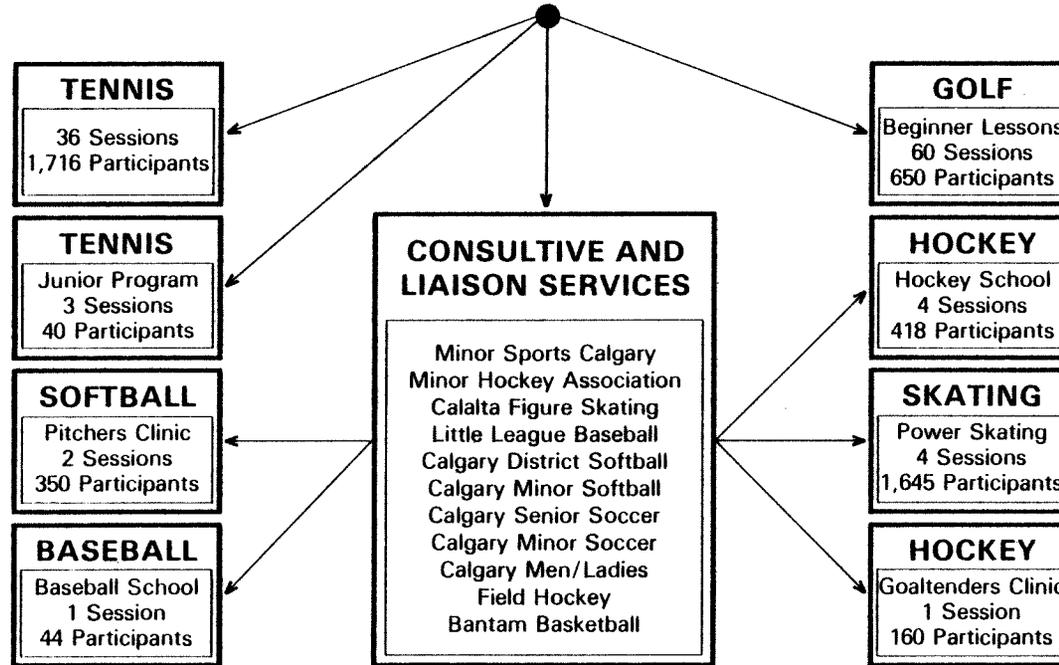
DIRECT PROGRAMS & SERVICES



LIAISON WITH



ATHLETIC DIRECT PROGRAMS



ATHLETIC LEADERSHIP PROGRAMS



ATHLETICS SECTION

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

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

Total Sessions	139
Total Participants	5812

Areas of expanded participation are:

- Hockey School
- Power Skating
- Tennis
- Golf
- Coaching and Officiating

COMMUNITY LEADERSHIP

PRE-SCHOOL COURSES

	PARTICIPANTS
Observation Nursery Workshop	26
Level A Arts and Crafts	44
Level B Story Telling and Music	12
Level C - Movement and Drama	35
It's Childs Play Part I	37
It's Childs Play Part II	24
Story Telling Workshop	34
Music Workshop	33
Drama and Movement Workshop	20
Toy Talk Workshop	30
Basic Puppetry Workshop	<u>31</u>
Total Participation	326

GENERAL LEADERSHIP COURSES

	PARTICIPANTS
Teen Leadership Workshop	15
Safety in the Gym Workshop	12
Junior Leadership	30
Summer Leader Course	17
Leader Training I	10
Community Leaders Course	23
Camping Level A	15
Camping Level B	19
Camp Leadership Level C	14
Summer Camping Course	<u>12</u>
Total Participation	167

CULTURAL ACTIVITIES/SPECIAL EVENTS

CULTURAL RESOURCE CENTRE

During 1977, the Cultural Resource Centre corresponded with 437 local performing arts, visual arts and ethnic cultural organizations regarding programs, coming events, grants and facilities. Approximately 11,000 telephone inquiries were received regarding cultural affairs.

The Centre compiled 12 editions and distributed 32,400 copies of the "arts calendar" which lists coming events in the Calgary Cultural Scene. Ninety percent (90%) of these went to associations, institutions, businesses, etc. who post them for the information of many. The number of people reached is impossible to calculate.

"Look at Calgary's Public Art" a publication written by Barbara Kwasny and Elaine Peake was made possible by this work unit.

BAND CONCERTS

Throughout the summer months, concerts were enjoyed by thousands visiting city parks or the downtown mall. The number of concerts have increased from 12 in 1976 to 28 in 1977. This increase is due to sponsorship by the business community and the Music Performance Trust Fund.

Sponsorship:	City of Calgary	23.5%
	13 Local Businesses	10.5%
	M.P.T.F.	66.0%

WAGON STAGE TOURING PLAYERS

Approximately 20,000 children enjoyed performances of: "The Comedy of Punch and Judy", "Cyclone Jack", and a play by Jan Truss commissioned by the Department especially for Wagon Stage, titled "Thung-A-Ling-Ring". This program was presented in co-operation with the University of Calgary drama department. A cast of six performers toured the City's parks, playgrounds, camps, hospitals and many other locations where children assembled for programs.

SUMMER SHOW

An arts festival, especially for children and another for seniors, were two of the seven mini festivals held in city parks this year. These events included theatre, concerts, dancing, arts and crafts, exhibits and demonstrations.

MUSIC BOX

A successful and exciting new music workshop program designed for children 5 to 11 years of age was enjoyed by all participants. Four young accomplished musicians conducted workshops, creatively guiding the children through the history of music, instrument construction, and into their own performance. This project was funded by Young Canada Works.

CULTURAL AND SPECIAL EVENTS

PROGRAM	NUMBER OF PROGRAMS	ATTENDANCE
Band Concerts	28	22,500
Wagon Stage	75	20,000 +
Summer Show	7 Shows 32 Performances	10,000
Music Box	80	1,850
Heritage Day	1	12,000
Dominion Day	1	7,000
Devonian Gardens	83	21,000
Performance Series		
Visual Arts	3	19,220
Folk Arts on		
Performance	1	95
Art on Wheels	5	2,520
Leadership	3	38
School Program	1	250
Community Programs and Events	<u>26</u>	<u>Unknown</u>
TOTAL	346	116,473

CULTURAL AND SPECIAL EVENTS

DOMINION DAY FESTIVAL - JULY 1st

Thousands of people enjoyed concerts, theatre, magic, puppet shows, a games festival and many more activities. The highlight of the day was an evening of oldtime dancing participated in by young and old.

HERITAGE DAY - AUGUST 1st

Approximately 12,000 people enjoyed the experience of sampling foods of South America and Eastern Europe, including pig which was barbecued whole on a spit. The Japanese Canadian Centennial Association, in a special ceremony, presented a plaque to the city commemorating 100 years in Canada. Ethno Cultural displays, a series of performances, and a special ethno cultural dance performance rounded out the day's activities. Heritage Day was co-sponsored equally by the City of Calgary and the Calgary Folks Arts Council (funded by Alberta Culture).

ART ON WHEELS

A Travelling Contemporary Art Show for Seniors

In co-operation with Clouds'n'Water Gallery, an exhibit was assembled and toured to five Senior Citizen Centres. This program has served to motivate seniors to produce their own exhibits.

DEVONIAN GARDENS PROGRAMS

From September to December, 80 performances were presented including a Jazz Series, Folk Music Festival and special performances for children.

Such groups as the Canadian Brass, Paul Brodie Saxophone Quartet, Foster Child, the One-Third Ninth and many distinguished local performers will perform in 1978.

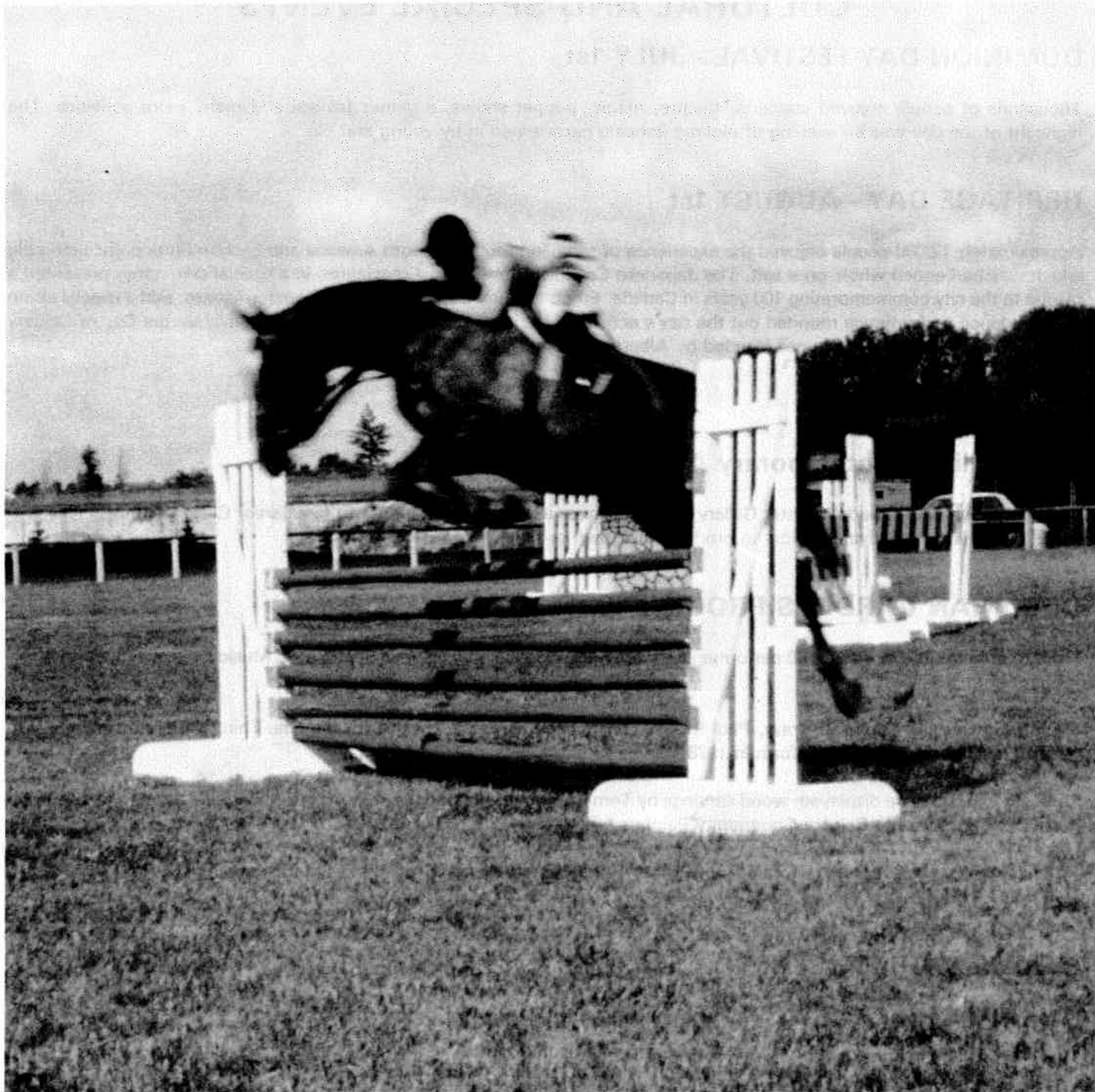
Three art exhibits were displayed; wood carvings by Tom Ward; a preview to the Folk Arts Fair by Prairie Front; and an Exhibition of Paintings by the Calgary Community Painters.

Co-operation has been received from many galleries, The Alberta College of Art, Banff School of Fine Arts, local professional and amateur groups and many others.

LEADER WORKSHOPS

These workshops were designed to introduce summer activity leaders or camp counsellors to:

1. Innovative and creative approaches to recreational arts and crafts.
2. The potential of drama and creative movement in recreation programs.
3. New games and game festivals for special events.



EQUESTRIAN ACTIVITY

CITY OF CALGARY

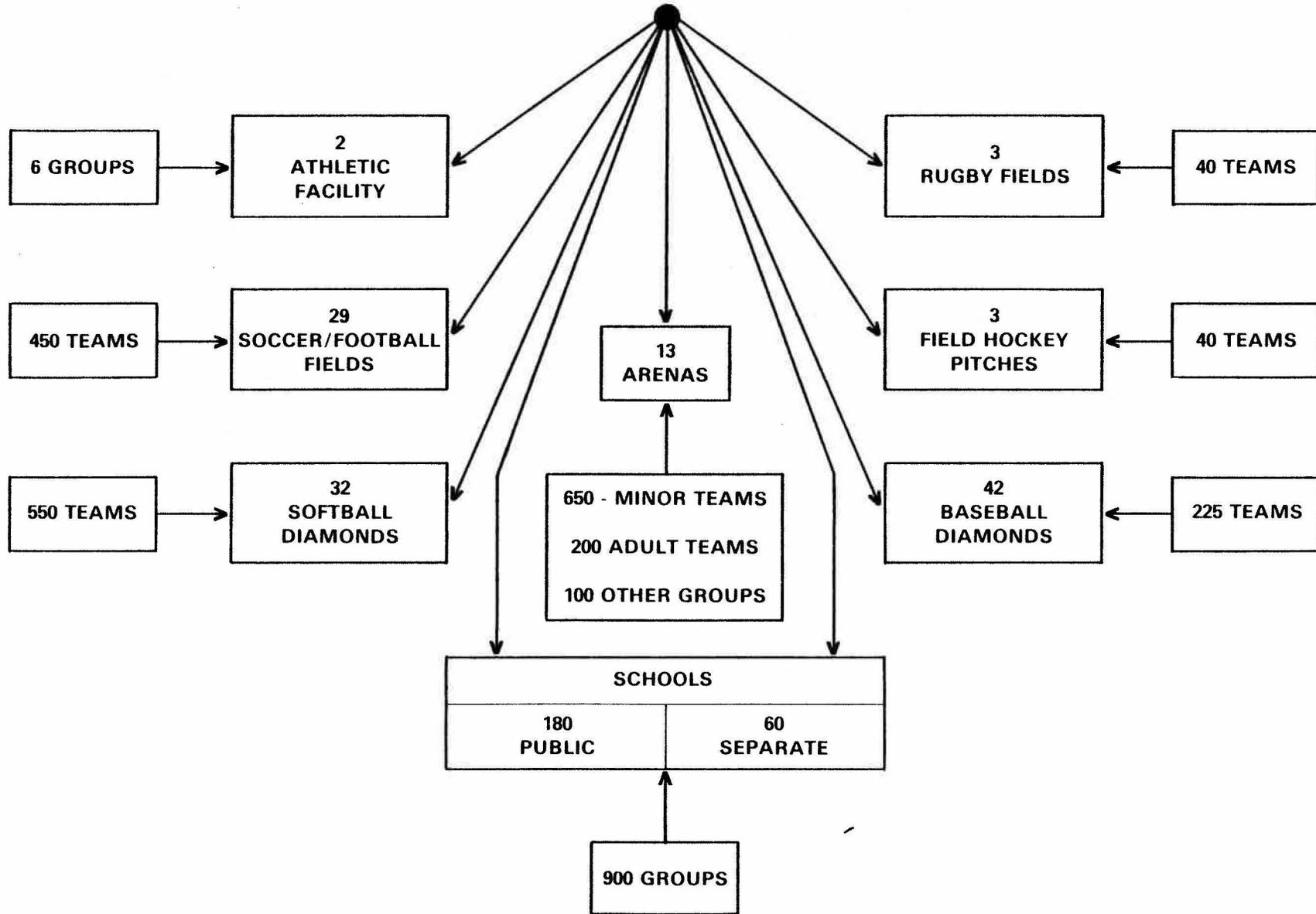
12th ANNUAL HORSE SHOW

The 1977 City of Calgary Annual Horse Show was held July 1 through July 3.

All classes for Western and English were held at the South Glenmore Equestrial Park, and the Competitive Trail Ride was held at Millerville.

REGISTRATION	680
AUDIENCE	900
VOLUNTEER STAFF	125

FACILITIES BOOKED



BOOKING/SCHEDULING SECTION

This Section deals, on a continuing basis, with approximately 1,500 different groups in accommodating their recreational facility requirements including schools and McMahon Stadium.

	1975	1976	1977
TOTAL FACILITIES	335	350	364
TOTAL BOOKINGS	8000	9000	10,000

HANDICAPPED PROGRAMS AND LEADERSHIP PROGRAMS

All these programs are in conjunction with groups and agencies working with the handicapped.

	GROUPS	PARTICIPANTS
Winter of 1977	8	1,250
Summer of 1977	8	700
Fall of 1977	10	1,875
Total	26	3,825

HANDICAPPED PROGRAMS AND SERVICES

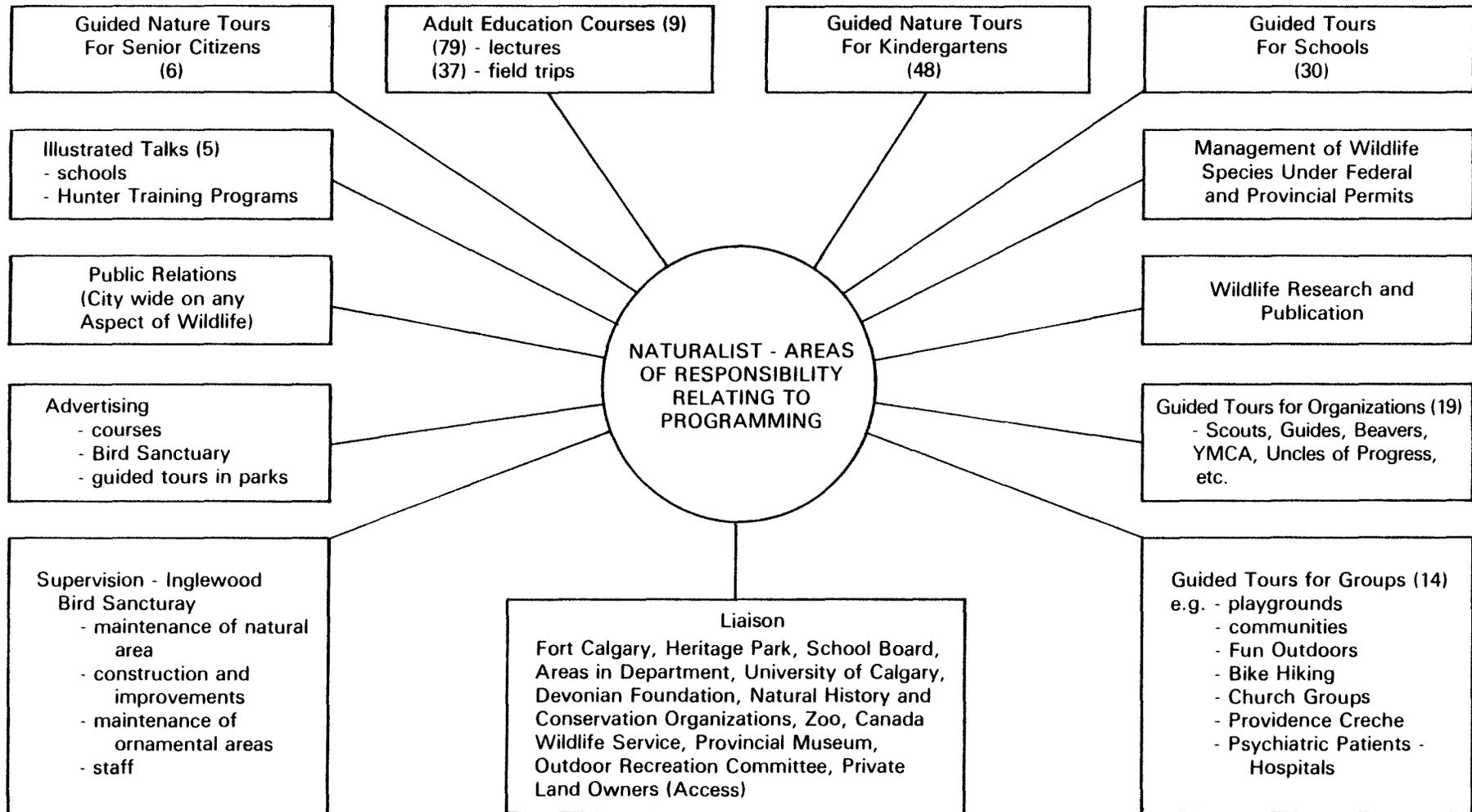
ACTIVITIES

- Camping
- Movement Education
- Bowling
- Cross Country Skiing
- Fitness Activities
- Social Clubs
- Workshops (in General Leadership)
- Track and Field
- Volunteer Activities
- Horseback Riding
- Ski Instruction
- Small Group Planning
- Coaching Clinics

1978 FUTURE PROGRAM PLANNING

- Snowshoeing
- Wheelchair Sports
- Advanced Skiing

AREAS OF RESPONSIBILITY NATURAL HISTORY PROGRAMS



	TOURS	COURSES	TOTAL
PROGRAMS	117	9	126
PARTICIPANTS	3600	385	3985

OUTDOOR RECREATION

Five day camp sites were set up and through effective advertising and program promotion, over 750 young people from 8 to 14 years of age had a great outdoor experience this past summer.

Each Day Camp was of an eleven day duration, two evenings were booked as overnights and one evening as a Parents Night. The activities during the camp consisted of map and compass, nature crafts, canoeing, hiking, outdoor cooking and other fun filled activities. Four directors, 20 leaders and many volunteer counsellors-inn-training provided the leadership for this experience.

WINTER PROGRAMS JANUARY THROUGH APRIL

Description	# Programs	Participants
Snowshoeing	1	15
Snowshoe Construction	1	17
Canoe Paddle Construction	1	16
Cross-Country Skiing	20	450
Winter Survival	1	18
Winter Orienteering	1	20
Wilderness Skills Levels I & II	2	25
Camping Leadership	3	75

SPRING PROGRAMS APRIL THROUGH JUNE

Description	# Programs	Participants
Canoeing/Kayaking	1	18
Rock Climbing	1	17
Back Packing	1	12
Wilderness Skills Levels I & II	2	22
Survival	1	15
Nature Walks	1	17
Playground Construction	1	16

SUMMER PROGRAMS JUNE THROUGH SEPTEMBER

Description	# Programs	Participants
Day Camp Program	16	750

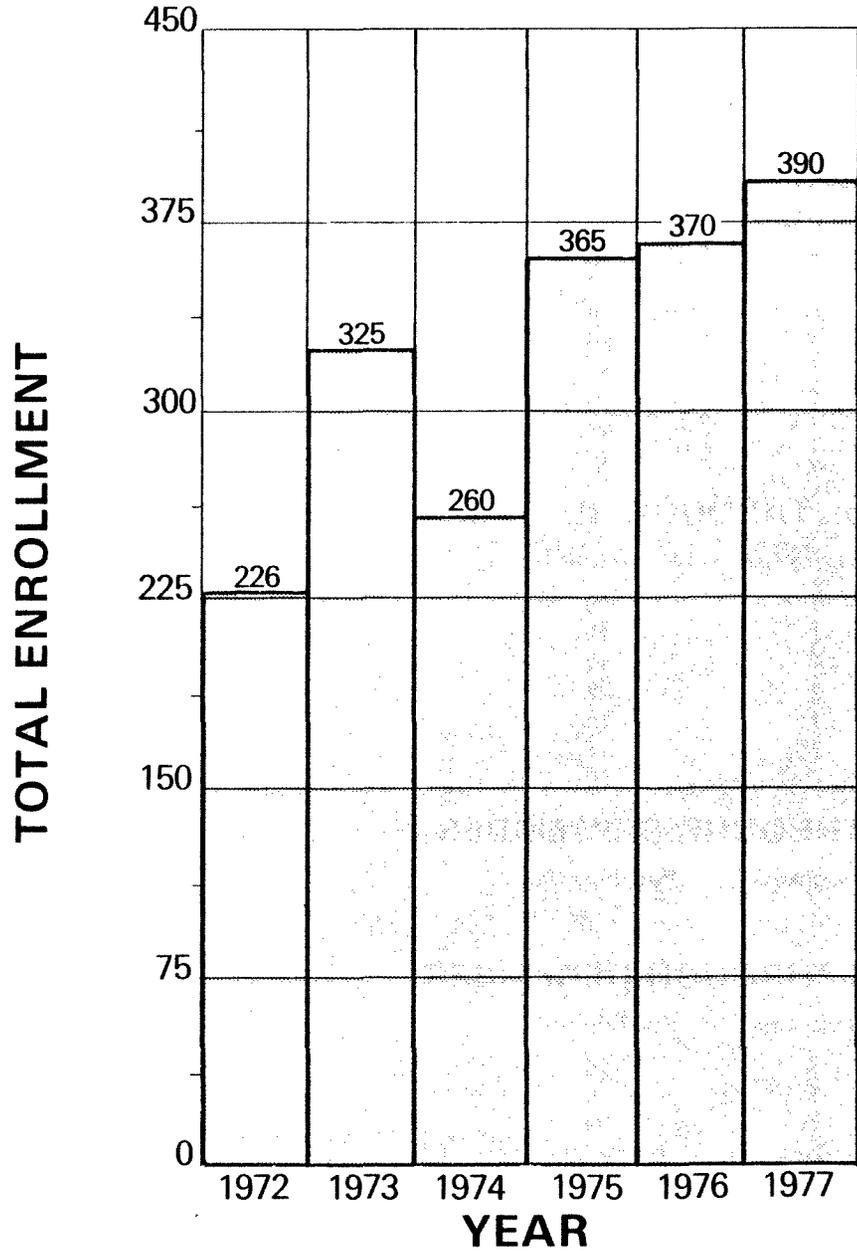
FALL PROGRAMS SEPTEMBER THROUGH DECEMBER

Description	# Programs	Participants
Back Packing	1	14
Wilderness Family Canoeing	1	16
Camping Leadership	3	80
Orienteering	2	23

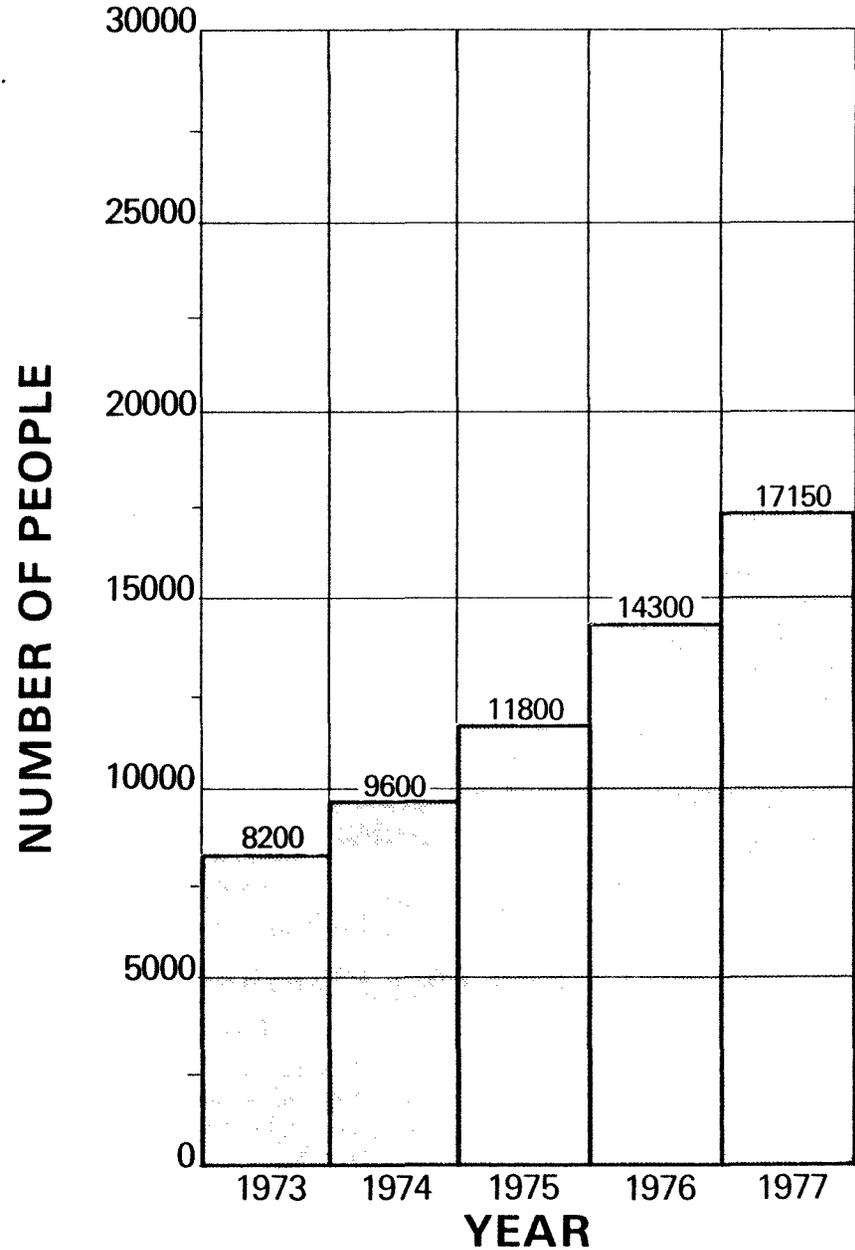
GRAND TOTAL	# Programs	Participants
	61	1,636

INGLEWOOD BIRD SANCTUARY

NATURAL HISTORY COURSES



NUMBER OF VISITORS



INGLEWOOD BIRD SANCTUARY

- LOCATION:** 9th Avenue and 23rd Street S.E. along Bow River.
- SIZE:** 60 Acres.
- PARKING:** Parking lot immediately west of Colonel Walker House.
- TRAILS:** 2½ miles of connecting trails along Bow River floodplain with four pedestrian bridges across water channel. Easy and level with sawdust surface.
- FACILITIES:** Outdoor Washrooms
Natural History Displays in Walker Home
Campfire Site
Picnic Tables.
- NATURALIST:** Available for tours for organization and groups at a cost of \$5.00 per hour. Instructs adult education courses in natural history. Fee for junior courses is \$15.00 per person; fee for advanced courses is \$50.00 per person.
- ADMISSION:** Free
- PROGRAMS:** The scope of the natural history courses covers a variety of topics including identification, taxonomy, ecology, niches, anatomy, reproduction, habitats, biogeography, migration, ethology, etc. The courses consist of lectures and field trips with the two basic underlying purposes of teaching people the identity of the living things around them, and acquainting the public with natural areas in Calgary and the surrounding area.



PUBLIC RELATIONS ACTIVITIES

- Public Interface
- Advertising Co-ordination
- Department Newsletter

	NUMBER OF SHOWINGS
PARKS ARE FOR PEOPLE FILM	10
DISPLAY PANEL SHOWINGS	5
CALGARY TRAILS FILM	16

NEWSPAPER ADVERTISING

Number of ads by month

January	5
February	10
March	2
April	22
May	3
June	8
July	9
August	1
September	15
October	8
November	5
December	4
TOTAL	<u>92</u>

RETIRED AND SENIOR CITIZENS PROGRAMS/SERVICES

PROGRAMS		NUMBER OF PROGRAMS	NUMBER OF PARTICIPANTS
Fine Arts		76	960
Fitness	Land & Water	85	1860
	Outdoor Programs	35	400
Travel & Transportation			3700
Centre Coordination		4	620
Fun & Games "77"		10	360
Mens Club		2	58

LEADERSHIP PROGRAMS

- Three Fine Art Workshops with 68 participants
- Three major comprehensive Tri-Level Workshops with 74 participants
- Three Fine Art Workshops plus three Level Training

CONSULTATION PROGRAMS

- 94 groups
- 3120 individual

SERVICES

- Recreation Program Development
- Pre-Retirement Counselling
- Recreation Information
- Grant Services

RETIRED AND SENIOR CITIZENS

Philosophy: to provide professional assistance in setting up recreational and leisure programs and services for the citizens of Calgary who are primarily over the age of 55 years and have basically left the work force.

It was a year of Outdoor Program development in the areas of: Cross Country Skiing, Orienteering, Fishing, Hiking and Walking for Pleasure, Golf Clinics and more. The result of this development created a first in Canada, based on compliments from the federal New Horizon Program of Canada. Another recognized first was the new "Fun and Games 60 +" Program which was a potpourri of many activities bringing Calgary Retired and Senior people together for two eventful and participatory weeks.

The Leadership Development section of the Senior Citizens Division created a new concept for individuals working with Senior people. This was the advent of the "Three Level" Leadership training model. The model was presented by Leadership Development to the Provincial Recreation Parks and Wildlife Department for joint programming purposes. The result was a cooperative jointly administered program serving both Calgary and Southern Alberta residents in leadership training for citizens wishing to work in the field of recreation for senior populations.

In 1977, the Division broke a new record in travel and transportation services. The Travel and Transportation Program transported over 3,700 senior people to such things as: Exercise in Water Classes; visiting Calgary Parks; day in Banff; 3 days in the Okanagan; Reno, Nevada; and even the Caribbean.

GRANTS FROM PROVINCIAL AND FEDERAL GOVERNMENTS

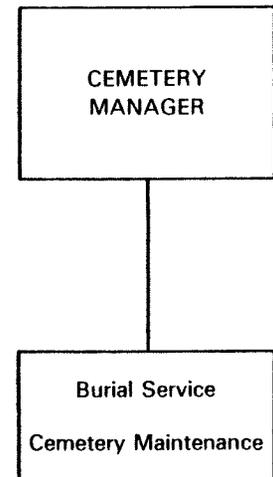
Further Education (\$30,000).

Recreation Work Experience (\$4,000).

Fitness Development (\$2,500).

Summer Temporary Employment for Students (\$4,000).

Canada Works Projects (\$42,000).



cemeteries

CITY OWNED CEMETERIES

Name	Opened	Total Acres	Unusable Acres	Available Acres	Graves To Date	Burials To Date
Union	1890	50.30		1.00	16,032	18,835
Burnsland	1923	31.94		.50	18,193	20,542
St. Mary's	1935	17.55	1.25	2.61	7,571	7,642
Chinese	1938	3.88			1,224	973
Queen's Park	1940	132.85	21.50	<u>62.19</u>	26,741	29,262
TOTAL AVAILABLE ACRES				<u><u>66.30</u></u>		

CEMETERIES DIVISION

It has been estimated that an average 570 graves can be accommodated in each acre of cemetery land. It would appear, therefore, that the present available acres is sufficient for a further 38,000 graves.

Two burials in one grave have increased from 51% to 61% during the period 1971 - 1977

Management Systems Development Department Project No. 33 "Population Projections 1974 - 1996" indicates that the crude mortality rate of 6.1 per 1000 population will remain constant for the period.

On this premise projected deaths 1978 - 1996 inclusive are:

Death Rate	LOW	MEDIUM	HIGH
% of Deaths	71,002	73,501	75,961

Burials in City cemeteries to 1996 (50% of deaths):

Death Rate	LOW	MEDIUM	HIGH
% of Deaths	35,511	36,750	37,980

Present cemetery land is sufficient to meet needs until the end of the century.

Service Operations in the cemeteries was self-supportive viz:

Burials Cost	\$189,456
Revenues Received	\$189,881

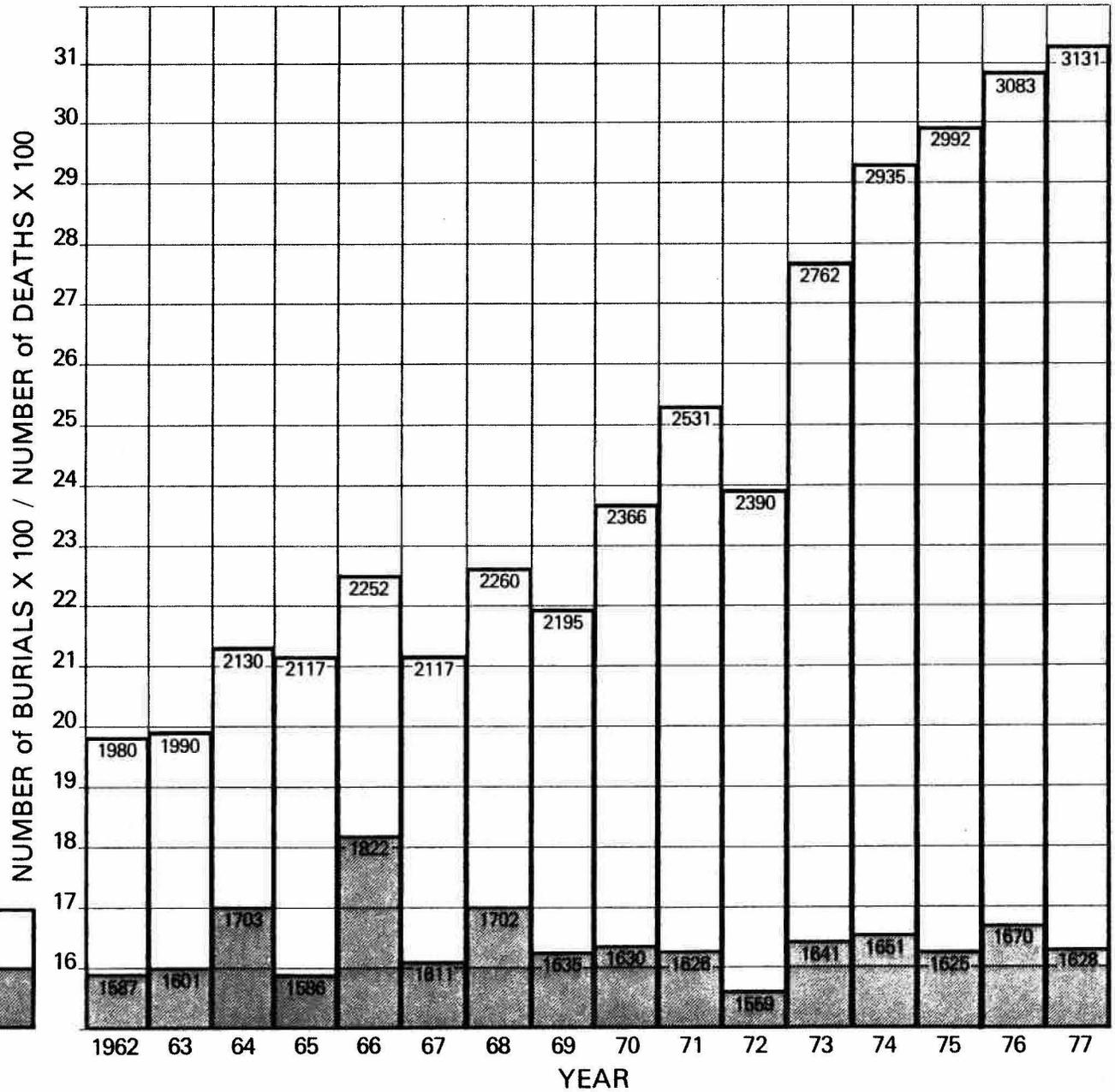
Maintenance Operation

1977 Maintenance Costs:	\$500,455
Perpetual Care Revenue from lot sales	<u>215,892</u>
DEFICIT	<u>\$284,563</u>

LEGEND

NUMBER of DEATHS
in the City of Calgary

NUMBER of BURIALS
in City of Calgary Cemeteries



CREMATION, DEATHS AND BURIALS IN CALGARY 1966 - 1977

YEAR	DEATHS	CREMATIONS	BURIALS*	% OF CREMATIONS TO DEATHS	% OF BURIALS TO DEATHS
1966	2,252	324	1,822	15%	81%
1967	2,117	356	1,611	17%	76%
1968	2,260	406	1,702	18%	75%
1969	2,195	397	1,625	18%	74%
1970	2,366	526	1,630	22%	69%
1971	2,444	544	1,626	21%	64%
1972	2,390	589	1,559	26%	68%
1973	2,762	637	1,641	23%	59%
1974	2,935	832	1,651	28%	56%
1975	2,992	859	1,625	29%	54%
1976	3,083	995	1,670	32%	54%
1977	3,131	1,108	1,628	35%	52%

Sources - Cremation - Calgary Crematorium Ltd. & Foothills Crematorium
 Deaths - Department of Public Health
 Burials - City of Calgary - Cemeteries Division

N.B. Not all people 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 does not include burials in: Mountain View Memorial Gardens
 Rockyview Garden of Peace

CEMETERY DATA 1977

	QUEEN'S PARK				ST. MARY'S	UNION	BURNSLAND		CHINESE	TOTAL
	STD.	R.C.	CH.	F.O.H.			STD.	F.O.H.		
Adults	164	105	33	125	226	105	63	6	7	1,294
Ashes	161	—	—	39	4	21	33	1	—	259
Children	3	—	—	—	—	2	—	—	—	5
Babies	64	—	—	—	6	—	—	—	—	70
										1,628

TOTAL INCLUDES: 74 Welfare Burials
 380 Made at Extra Depth
 50 Dis-interments to permit second burial in same grave

LEGEND:

- STD. — Standard
- R.C. — Roman Catholic
- CH. — Chinese
- F.O.H. — Field of Honour

4

**grants and
special services**

MANAGER
OF
GRANTS & SPECIAL
SERVICES

Parks/Recreation
Board Services
Co-ordinator

Grant Processing

Leases &
Agreements

grants

MAJOR CULTURAL/RECREATION FACILITY DEVELOPMENT PROGRAM

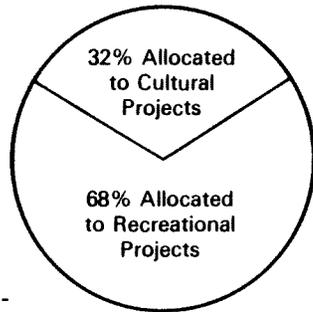
Introduced in 1975 and based on \$10.00 Per Capita, for a Ten Year Period.

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.

	1975		1976		1977	
Grant Available for Year	\$4,538,120.00		\$4,700,430.00		\$4,875,690.00	
Carry-Over	NIL		542,232.00		1,461,496.00	
Total Grant Available	4,538,120.00		5,242,662.00		6,337,186.00	
Total of Grant Applications From Community Organizations	5,231,931.00		5,067,236.00		8,149,704.00	
	Applications Submitted to Province	Grants Received	Applications Submitted to Province	Grants Received	Applications Submitted to Province	Grants Received to Date
Municipal Claims	\$ 912,500.00	\$ 886,500.00	\$1,526,000	\$1,294,126	\$1,600,000.00	NIL
Community Organizations	3,109,913.00	3,109,388.00	2,704,890	2,487,040	4,537,329.00	\$3,634,113.43
Totals	4,022,413.00	3,995,888.00	4,230,890	3,781,166	6,137,329.00	3,634,113.43

	1975		1976		1977	
Number of Community Applications	Received 37	Approved 30	Received 32	Approved 23	Received 35	Approved 28



**1975 - 1977 Average -
Approved for Cultural / Recreational Dollars**



**1975 - 1977 Average -
Grants for Municipal / Community Organizations**

GRANTS

GRANT ADMINISTRATION

Provides Departmental Administration Services, either directly or indirectly for all incoming recreational, cultural and educational grant programs for which the City is eligible through the Parks/Recreation Department. Directly administers all City outgoing grants under section 206 and 207 of the Municipal Government Act which come under the jurisdiction of the Parks/Recreation Department.

The Section also provides an information/liason consultative service to the community-at-large and to other sections of the Department. Initial preparation commenced on a grants inventory. To date, approximately one hundred programs have been listed. In 1977, the Grant Section dealt mainly with the following programs:

INCOMING GRANTS

PROVINCIAL

Recreation Development Grant - Program Assistance

Project Co-operation Grant Program

Basic Assistance
Municipal Assistance
Community/Service Organizations
Community/School Incentive

Major Cultural/Recreation Facility Development Program

Municipal Projects
Community/Service Organization Projects

Further Education Grant Program

OUTGOING GRANTS

CITY OF CALGARY

(Sections 206 and 207 of MGA)

Community Associations Capital Grants

Athletic Travel Grants

Athletic Hosting Grants

Lawn Bowling Grants

Minor Sports Calgary Grant.

PROJECT CO-OPERATION

- Introduced in 1973 and based on the following: **Basic Assistance** \$500.00 per incorporated municipality
Municipal Assistance .50¢ per capita
Community/Service Organizations .50¢ per capita - matching dollars required

No increases have been made in the above Grants since inception to allow for inflation.

YEAR	GRANT PROGRAM	GRANT AVAILABLE	APPLICATIONS			
			NUMBER RECEIVED	AMOUNT REQUESTED	NUMBER APPROVED	AMOUNT APPROVED
1973	Basic Assistance	\$ 500.00	1	\$ 500.00	1	\$ 500.00
	Municipal Assistance	212,393.50	2	212,393.50	2	212,393.50
	Community/Service Organization	212,393.50	3	212,393.50	3	212,393.50
	TOTAL	\$425,287.00	6	\$425,287.00	6	\$425,287.00
1974	Basic Assistance	\$ 500.00	1	\$ 500.00	1	\$ 500.00
	Municipal Assistance	216,694.50	1	216,694.50	1	216,694.50
	Community/Service Organization	216,694.50	28	531,310.49	16	216,694.00
	TOTAL	\$433,889.00	30	\$748,504.99	18	\$433,889.00
1975	Basic Assistance	\$ 500.00	1	\$ 500.00	1	\$ 500.00
	Municipal Assistance	226,906.50	10	226,906.50	10	226,906.60
	Community/Service Organization	226,906.50	27	284,031.00	22	226,906.00
	TOTAL	\$454,313.00	38	\$511,437.50	33	\$454,313.00
1976	Basic Assistance	\$ 500.00	1	\$ 500.00	1	\$ 500.00
	Municipal Assistance	235,021.50	12	291,023.00	10	235,021.50
	Community/Service Organization	235,021.50	37	396,020.65	32	235,021.50
	TOTAL	\$470,543.00	50	\$687,543.65	43	\$470,543.00
1977	Basic Assistance	\$ 500.00	1	\$ 500.00	1	\$ 500.00
	Municipal Assistance	243,784.50	3	243,784.50	3	243,784.50
	Community/Service Organization	243,784.50	36	280,332.51	34	273,527.45
	TOTAL	\$488,069.00	40	\$524,332.01	38	\$481,811.95

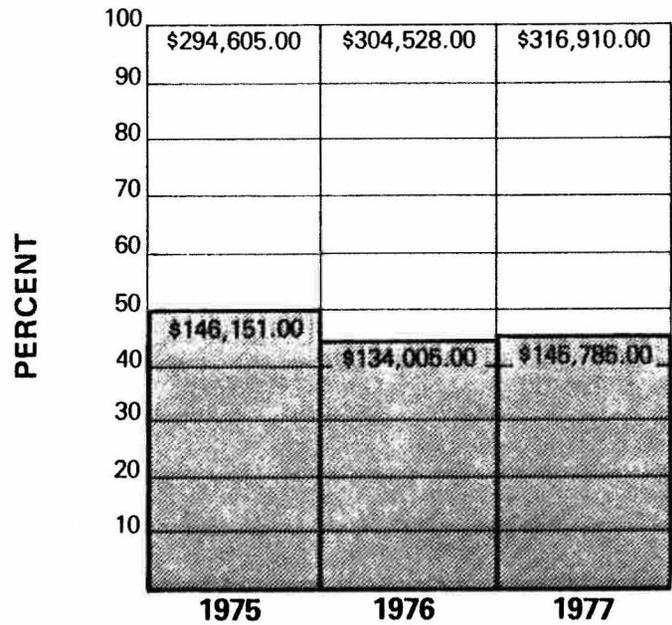
SUMMARY - 1973 - 1977

Total of Grants Available	\$2,272,101.00
Total of Grants Received	\$2,265,843.95
Total of Grants Requested	\$2,897,105.15
Amount Over-subscribed	\$ 625,004.15

PROJECT CO-OPERATION:

Community/School Incentive Grants

65¢ per capita to make school facilities more available for Community use



LEGEND

Individual Projects' Allocation
City Wide Projects' Allocation



	Applications		Grants	
	Received	Approved	Dollars Available	Dollars Received
1973	10	10	276,112	276,112
1974	10	10	281,703	274,703
1975	25	18	294,978	294,605
1976	42	34	305,528	304,528
1977	41	38	316,920	316,916

CITY-OUTGOING GRANTS

	Grant Applications Approved			Value of Grants Approved		
	1975	1976	1977	1975	1976	1977
Travel-based on 5¢/mile or ½ return bus fare (max. \$200/yr.) for in-Province Championships	32	23	34	\$3,002.00	\$1,936.00	\$3,115.00
Hosting-max. of \$500 - Provincial Championships; \$1,000 - National Championships; \$2,000 - International Championships	11	7	8	8,753.00	5,916.00	6,000.00
Lawn Bowling - \$5/member over 60 yrs. + payment of utility costs.	4	4	4	1,217.00	2,840.00	1,674.00
Minor Sports - 25¢/registered member of minor sports Calgary, min. of \$300 & max. \$300 per registered assoc. in Minor Sports Calgary.	11	10	9	8,196.00	7,935.00	7,267.00

	Payouts in 1977	Deferred to 1978
Community Association Capital Grant* - \$10,000.00 max. per association (may be taken at once or over a period of time)	\$56,153.85	\$49,529.13
*In July, 1977, City Council approved this grant program to be phased out by Dec. 31/78. Further capital funding beginning Jan., 1979, to be applied for under Major Cultural/Recreation Development or Project Cooperation Program	1977 Budget Appropriation \$80,000.00	Approximately \$140,000.00 Unpaid grant eligibility remaining

OPERATIONAL PROGRAM ASSISTANCE GRANT

Introduced in 1968 and payable directly to the Municipality.

Based on: a) \$1.00/capita for first 20,000 population and

b) 20¢/capita for population over 20,000.

Year	Population	Grant Available & Received	Grant Received Per Person	Parks/Recreation Dept. Net Operating Budget 1973 - 1977	Net Dollars Spent Per Person
1968	354,856	\$ 86,971.20	24 1/2¢		
69	369,025	89,805.00	24 1/3¢		
70	385,436	93,087.20	24 1/10¢		
71	398,034	95,606.80	24¢		
72	412,777	98,555.40	23 4/5¢	\$ 6,307,000.00	\$15.28
73	424,787	100,957.40	23 3/4¢	7,757,000.00	\$18.26
74	433,389	102,677.80	23 2/3¢	9,200,000.00	\$21.23
75	453,812	106,762.40	23 1/2¢	12,165,000.00	\$26.81
76	470,043	110,008.60	23 2/5¢	13,498,000.00	\$28.72
77	487,569	113,513.80	23 1/5¢	15,673,000.00	\$32.15

FURTHER EDUCATION GRANTS

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

Non Credit Further Education Courses = \$6/course/instructional hr.

Basic Literary, English or French Courses, Citizenship Courses = \$14/course/instructional hour.

Special Non-Credit Further Education Courses = \$30/course/instructional hour.

Calendar Year	No. of Classes*	No. Approved*	Grant Monies Received*
1976	683	650	\$49,499.34
1977	1,100	950	\$69,300.00 (Est.)

*Excludes Leisure/Learning Section.

PARKS/RECREATION BOARD

Special Services Section is responsible for the Department's Administrative Services to the Parks/Recreation Board and its Sub-Committees. In 1977 two Sub-Committees operated - Finance and Grants and Parklands.

MEETINGS

Parks/Recreation Board	10
Finance and Grants Sub-Committee	13
Parklands and Sub-Committee	3
Board Orientation	2

COMPOSITION OF BOARD

Chairman	- Alderman Pat Ryan
Vice Chairman	- Mr. W. J. Warren
Public School Board	- Mrs. Jean Reid
Catholic School Board	- Mrs. Rita Randall
Aldermanic Representative	- Alderman Pat Donnelly
Members-at-large	- Mr. R.W.Grindley Mr. J. Bohnsack Mr. T. Boleantu Mr. E. Donovan Mrs. D. McKay

SUB-COMMITTEE ON FINANCE AND GRANTS

Mr. R. W. Grindley (Chairman)
Mrs. R. Randall
Mr. E. Donovan

SUB-COMMITTEE ON PARKLANDS

Mr. J. Bohnsack (Chairman)
Mrs. J. Reid
Mrs. D. McKay



leases and agreements

LEASES AND AGREEMENTS

Provision of departmental administrative services to Community Associations and Community Service Organizations in connection with the preparation and execution of City Leases, agreements, caveats, undertakings and any other matters connected with the leasing of City lands and with Recreation Grant Program requirements.

In 1977, over 50 leases were initiated and 80 percent of these were executed by the year end.

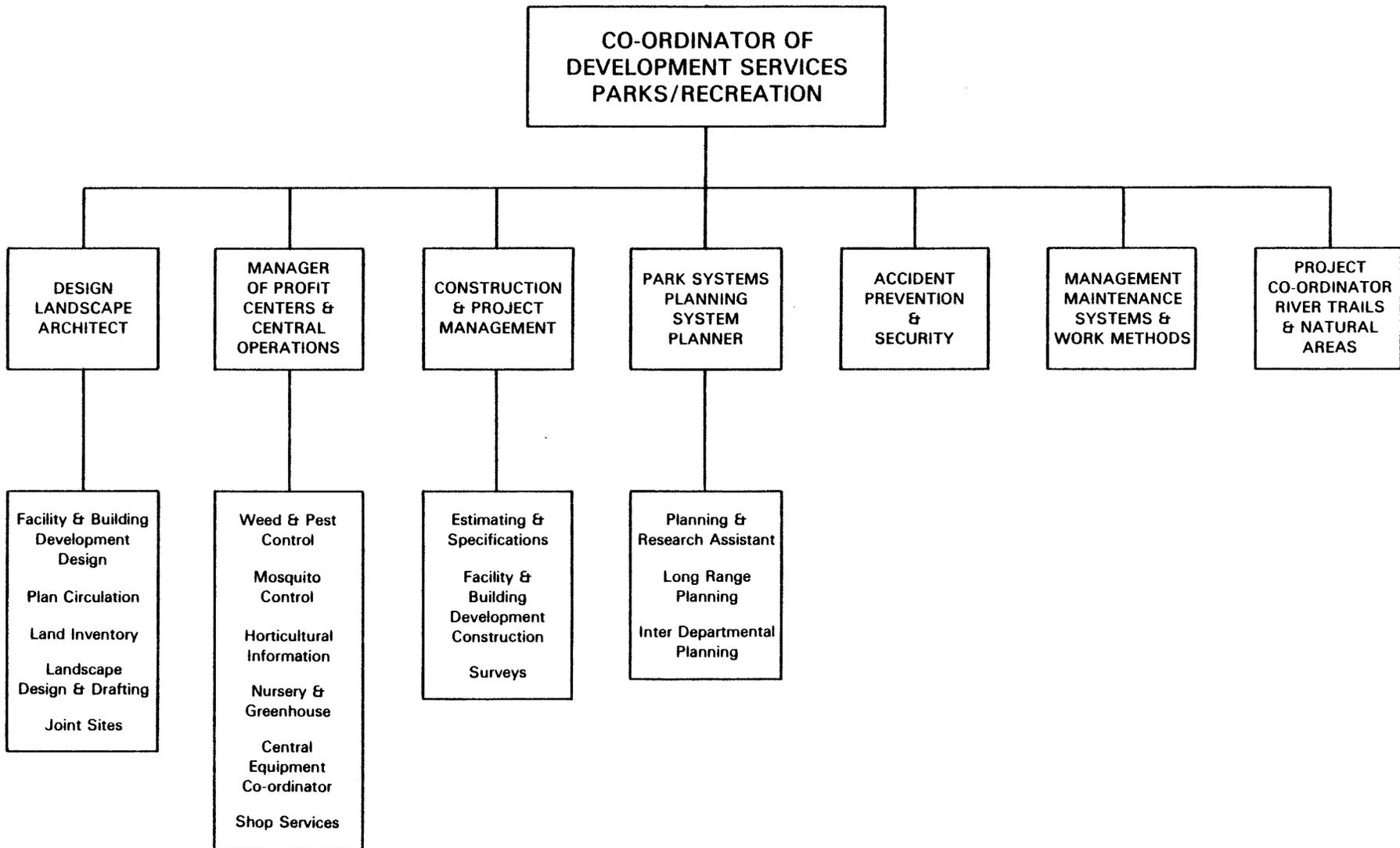
TYPES OF AGREEMENTS

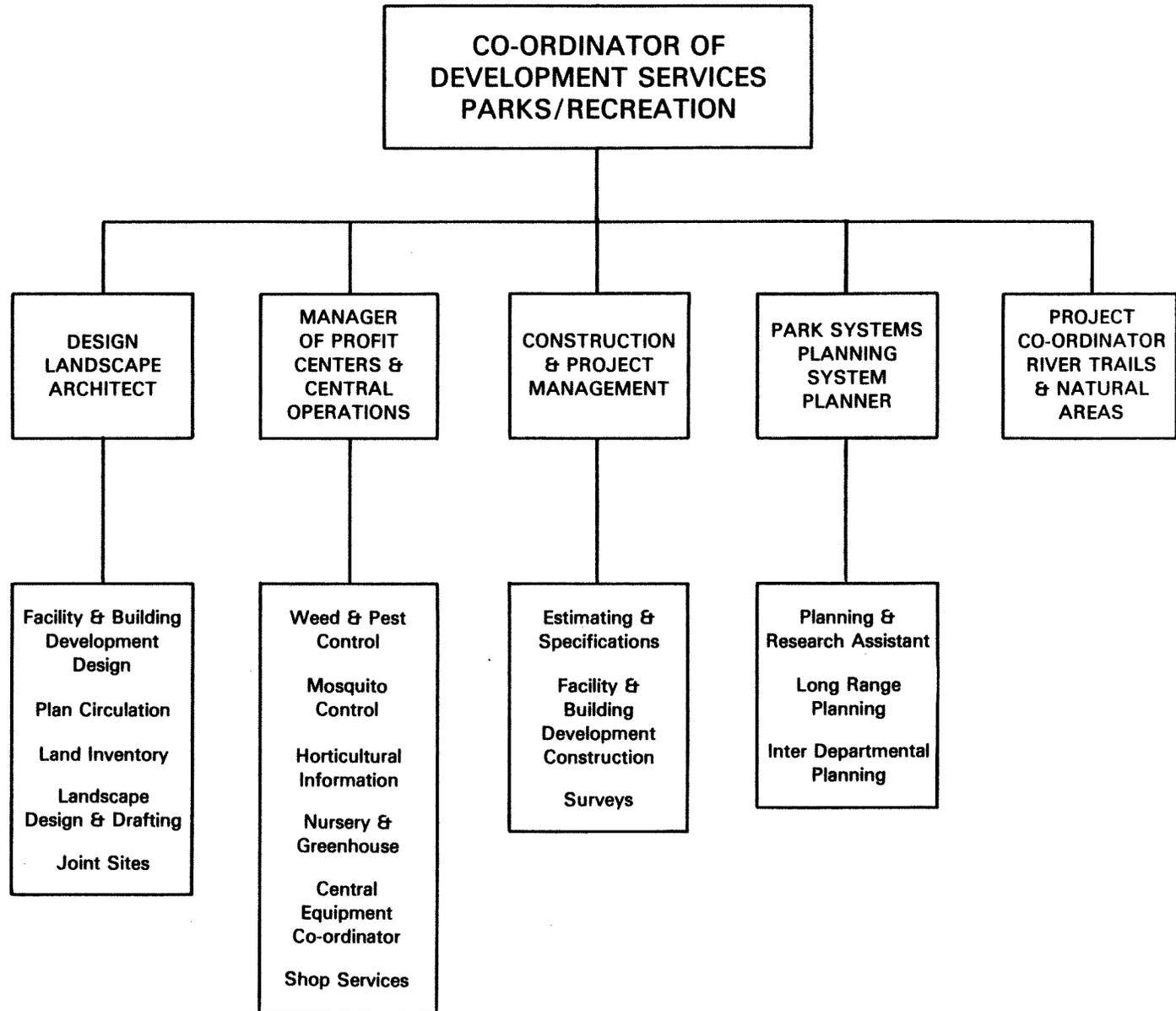
TYPE	DESCRIPTION		NUMBER	TERM
Community Association Leases - Use of City Reserve Land	(a) Standard Lease	5 year term, amended to a 10 year term (Decision of Council, July 1977)	38	5 years
			2	10 years
	(b) Sportsplex Lease	10 year term with Grant Funds from Provincial Government, amended to a 15 year term (Decision of Council February 1977)	0	10 years
			7	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 value of building	1	25 years
	(b) Standard Lease	5 years up to a maximum of 40 years depending on value of building, with Provincial Grant Assistance	0	Under Review
Undertakings Caveats:	Undertakings and Caveats required under Provincial Grant Legislation for Community Organizations on Privately-owned land		6	
Special Agreements:	Special Agreements with School Board and other organizations		4	



5

**development
services**





planning and development



DEVELOPMENT OF DEVONIAN GARDENS

CONCEPT

The idea of a park incorporated into the design of an office/commercial complex was conceived between Calford Properties Leasehold and the Devonian Group of Charitable Foundations.

As the discussion went on, the original concept was changed from an Outdoor Garden to an Indoor Garden. The various features outlined in the report were progressively added to the park with the end result being the Devonian Gardens as we see it today.

In the heart of the city, on the fourth floor of the Toronto Dominion Square, located between 2nd and 3rd Streets S.W. on 8th Avenue is housed this attractive 2 ½ acre garden-like facility. The climate controlled, terrace gardens provide Calgarians with an all-season park and recreational area where they may go to enjoy a mile of pathways through flowerbeds, water courses and pleasant rest areas. The park has been divided into various areas: The Sun Garden, S.W. Corner; Quiet Garden, N.W. Corner; Warer Garden, N.E. Section; Reflecting Pools, Sculpture Court, Central and Forest Area with Art displays in the upper area. A children's playground is available for the younger patrons and the outdoor reflecting pool is converted into an artificial skating area during the winter months.

Park bench seating is provided for 800 persons.

During lunch hours various entertainment presentations are provided on a stage area.

The park is opened from 9:00 a.m. to 9:00 p.m. for the general public every day of the year including holidays.

FEATURES

There are 20,000 plants from ground cover plants to 18 foot high trees in the park, with a total of 138 varieties being displayed. While most of the plant material was shipped from Florida in twenty-one semi trailer truck loads, 5,000 plants were supplied from the City of Calgary Civic Greenhouses.

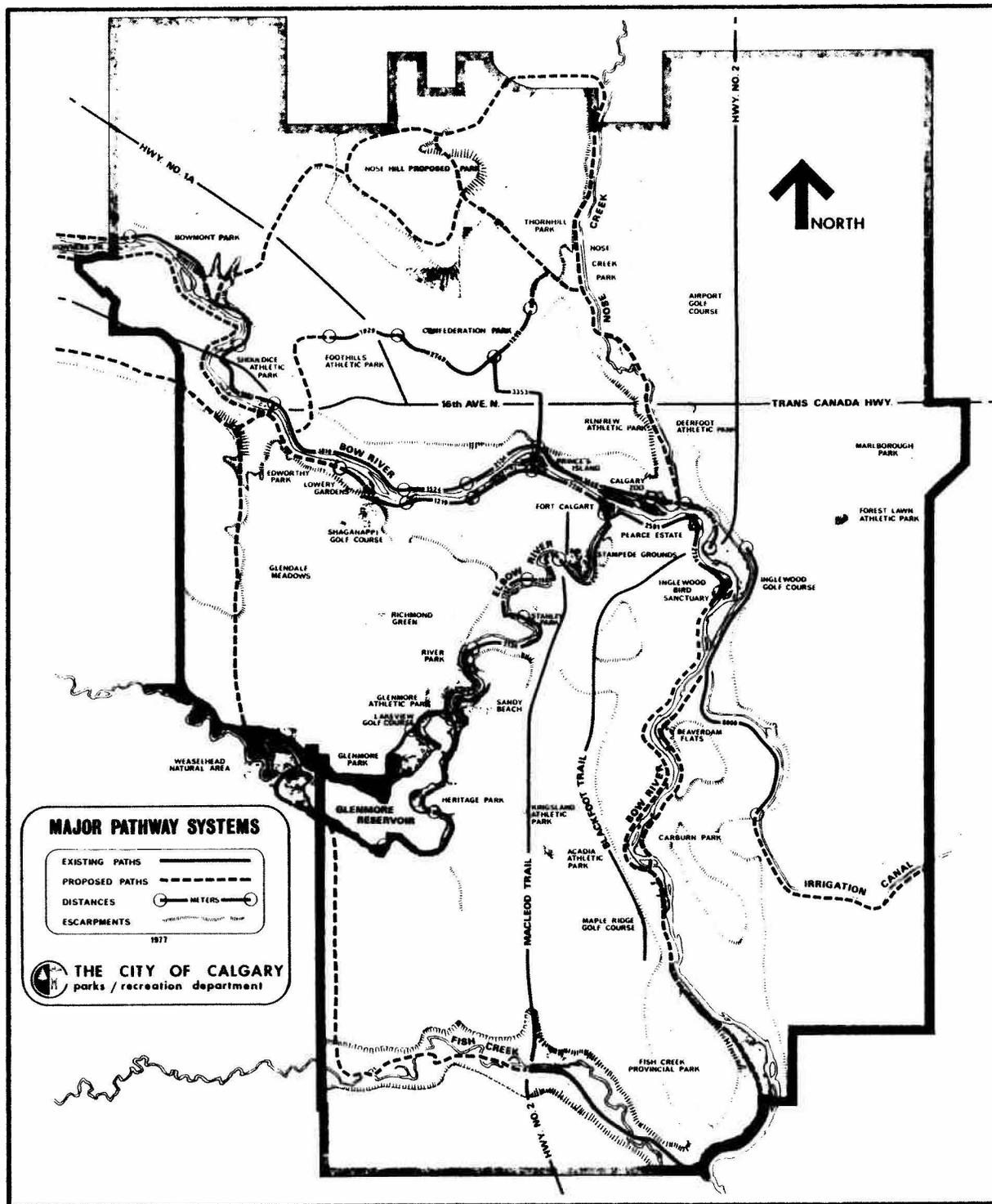
The estimated total capital development costs of the park is:	\$9,465,000.00
Devonian Group Contribution	\$5,900,000.00
Calford Leasehold Contribution	\$2,465,000.00
City of Calgary Contribution	\$1,000,000.00

The City of Calgary's sub contract for \$556,300.00 was for the supply and installation of loam, drainage material, peat moss and plant material. The actual work for the City of Calgary sub contract commenced on February 1, 1977 and finished the end of July 1977 with final touches finished in the middle of August for the opening on September 6, 1977.

During the opening ceremonies on September 6, 1977 Don Love officially turned the Park over to the City of Calgary with Alderman Anderson accepting on the City's behalf. Mr. Meech, President of the Devonian Group of Charitable Foundations, spoke on the history of the development of the Park and how the whole idea was conceived and implemented.

PRESENT OPERATIONS

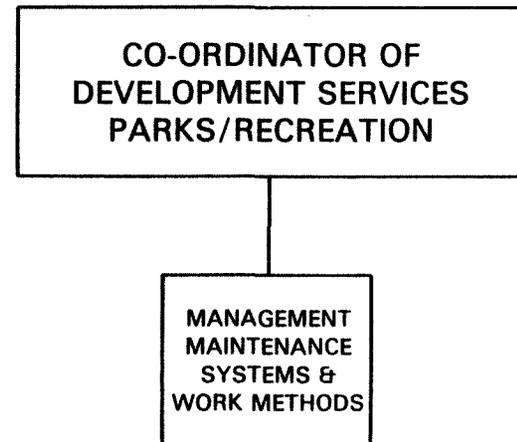
The park is operated and maintained by the City of Calgary Parks and Recreation Department for an operating budget total of \$504,000.00 in 1977, which includes the City of Calgary's capital budget contribution and interest on principle.



DEVELOPMENT OF RIVER PATHWAY SYSTEM

In 1977, the pathway system along the Bow and Elbow Rivers were contracted out. The pathways were constructed of asphalt six feet wide.

Total Length Constructed and Landscaped	68,100 Feet
Total Cost	\$372,941.00



systems and work methods



SYSTEMS AND WORK METHODS

During the year the PMMS activities included:

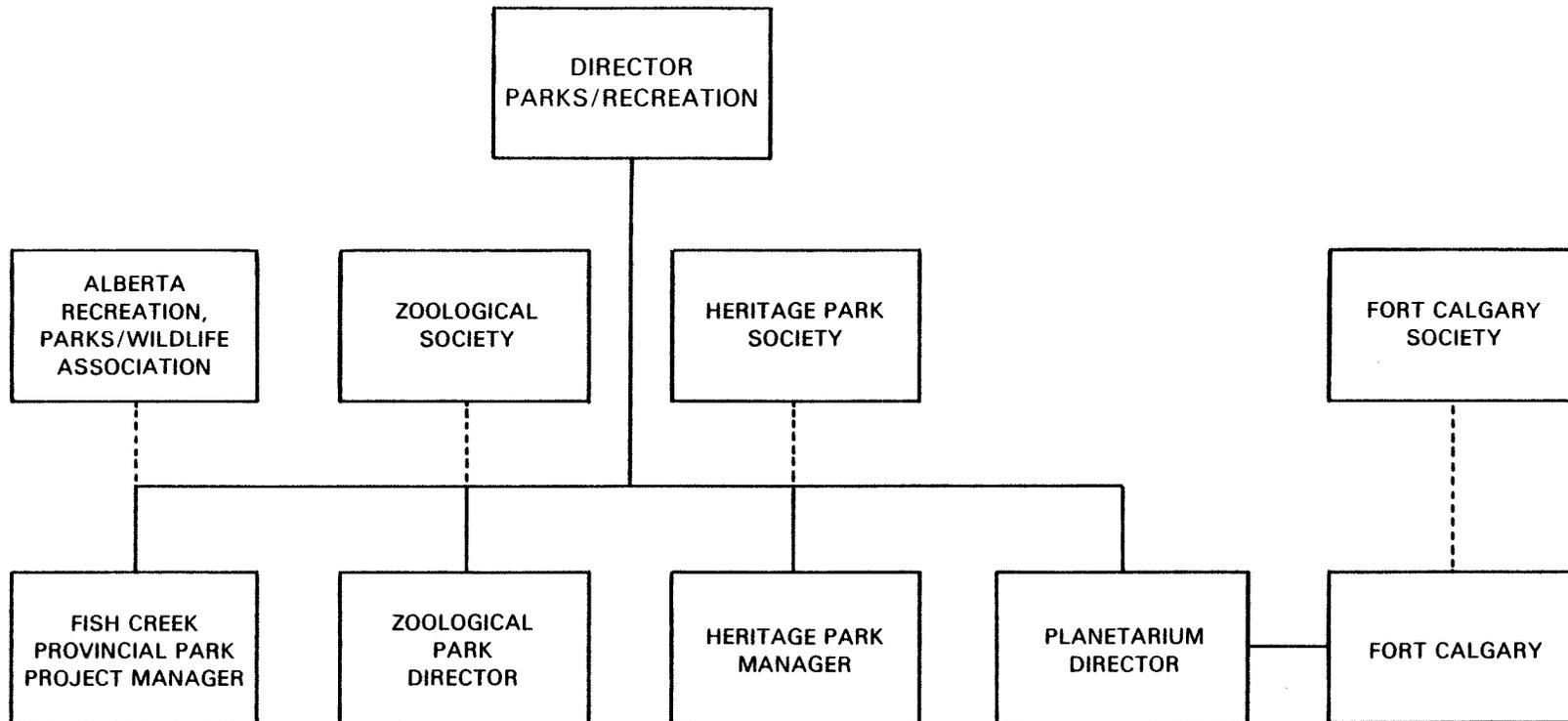
- The maintenance of the computerized Parks inventory and the cost reporting which were operational prior to 1977.
- The completion of development and implementation of the budget module.
- Extension of costs reporting procedure to the athletic parks maintenance activities.
- Application of PMMS for management decisions in re-structuring work units and in budget preparation procedures.

The budgeting exercise for 1978 Parks current operations using PMMS resulted in a more equitable budget.

The metric conversion program was continued in 1977, for the purpose of making a smooth transition in the conversion to metric - SI units. All by-laws in our Department were examined and all metric sensitive clauses were converted to SI units. Other conversions to date include the posting of traffic signs in the Parks, boat rental rates and parks inventory. A metric course for secretaries was conducted and thirteen secretarial staff from the Department attended.

6

**associated
operations**



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ZOO



CALGARY ZOO, BOTANICAL GARDEN AND NATURAL HISTORY PARK

SPACE:

St. George's Island - 31 Acres
St. Patrick's Island - 22.5 Acres
Hoofed Animal Paddocks - Approx. 150 Acres

ANIMAL COLLECTION:

330 SPECIES/1,000 specimens

PLANT COLLECTION:

1,200 species/10,000 specimens

PREHISTORIC COLLECTION:

Dinosaur models/150 artifacts (on exhibit)

VISITING HOURS:

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

ADMISSION:

Adults (18 yrs. and over)- \$1.00
Youth (12 - 17 yrs.) - .50
Children (3 - 11 yrs.) - .25
Pensioners and school
groups - Free

CALGARY ZOOLOGICAL SOCIETY MEMBERSHIP FEES:

Individual - \$ 7.00
Family - \$10.00

OPERATING BUDGET 1977:

City - \$1,383,000
Society - \$ 684,000
\$2,067,000

CAPITAL BUDGET 1977:

City - \$ 468,000
Society - \$1,675,000
\$2,143,000

STAFF:

City/Society - 45 Permanent
- 100 Seasonal

BOARD OF DIRECTORS CALGARY ZOOLOGICAL SOCIETY:

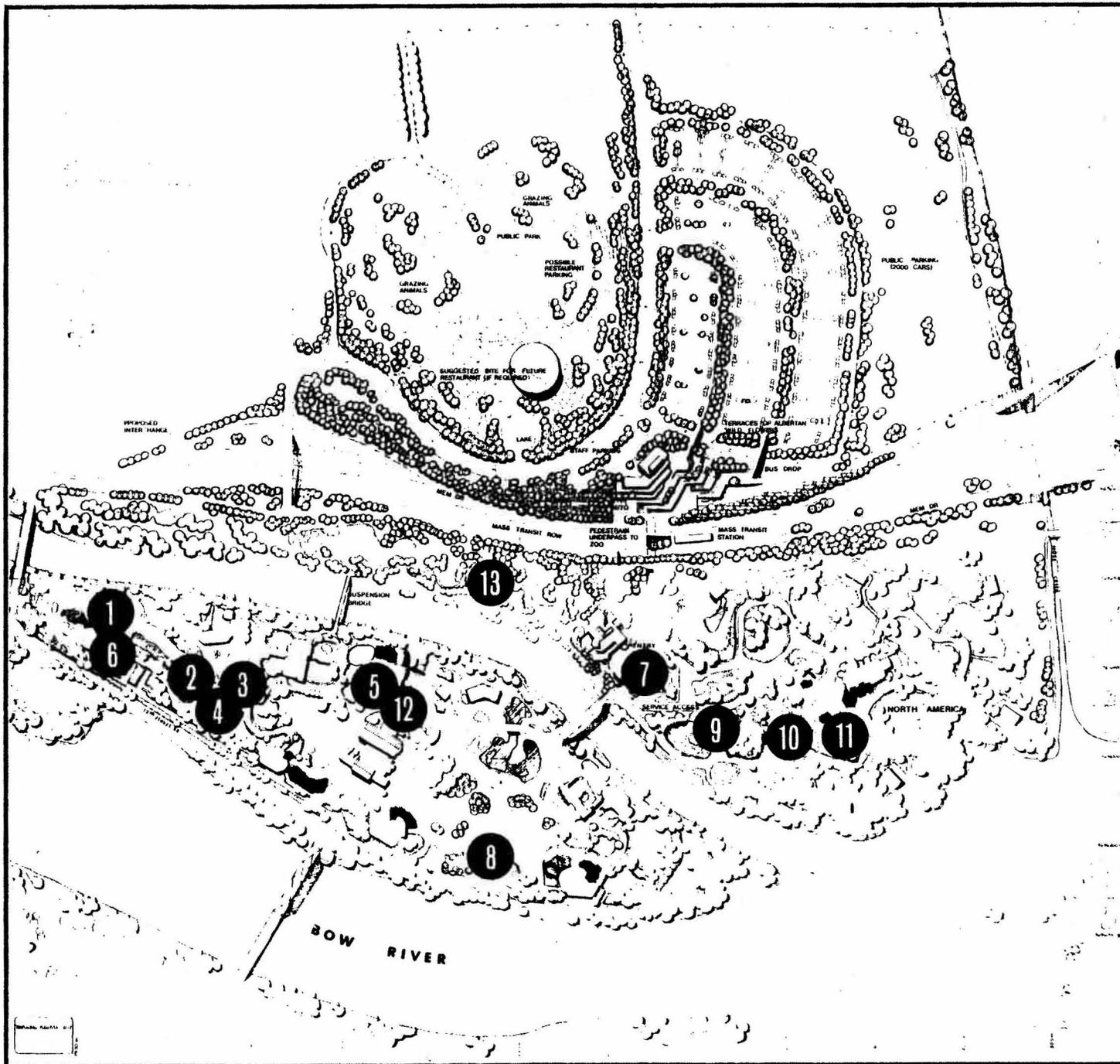
- 27 Active Directors
- 14 Associated Directors
- 15 Members at large serving
on Committees (12 members)

MEMBERS OF CALGARY ZOOLOGICAL SOCIETY:

- 8,380

NUMBER OF VISITORS:

- 715,388



**PROGRESS ON
REDEVELOPMENT
PROGRAM**

CALGARY ZOO

- 1) Siberian Tiger
- 2) Japanese Macaque
- 3) Snow Leopard
- 4) Black Leopard
- 5) Gibbon
- 6) Ibx
- 7) Entry Function with Plaza

**CONSTRUCTION
PLANNED 1978**

- 8) Nocturnal/Australian House
- 9) Northern Bear Exhibit
- 10) Birds of Prey Aviaries
- 11) Wolf Exhibit
- 12) Children's Zoo Contact Centre
- 13) Prehistoric Park

CAPITAL DEVELOPMENT PROGRAM:

The Calgary Zoo adopted a 10 year Masterplan in 1975 for redevelopment of the Zoo. The Plan was formed with the input of a renowned Zoo Consultant firm, the Zoological Board, Parks/Recreation and Zoo staff. It calls for an organized scheme to exhibit the fauna and flora, native and exotic, with an emphasis on quality, to build a facility that is educational with a high visual appeal that lends itself to conservation and above all serves the recreational expectations and needs of Calgarians and visitors to our City.

The animal collection will show a cross section of the animal kingdom to represent more species such as fish and invertebrates. St. George's Island will have non-native species and house exhibits for exotic animals. The island will be the prime winter visiting portion with the concentration of indoor exhibits.

The land North of the Bow River south of Memorial Drive, bordering the Nose Creek to the east will be the special exhibit area for North American animals. The Natural History Park will also be relocated to the north of St. George's Island in the new plan.

CONSTRUCTION DURING 1976

The first projects related to the Masterplan program were completed in 1976. These are the new zoo bridge, connecting St. George's Island with the land north of the Bow River; the Flamingo House at the Children's Zoo; the Siberian Tiger exhibit which was started, however not completed, in 1976.

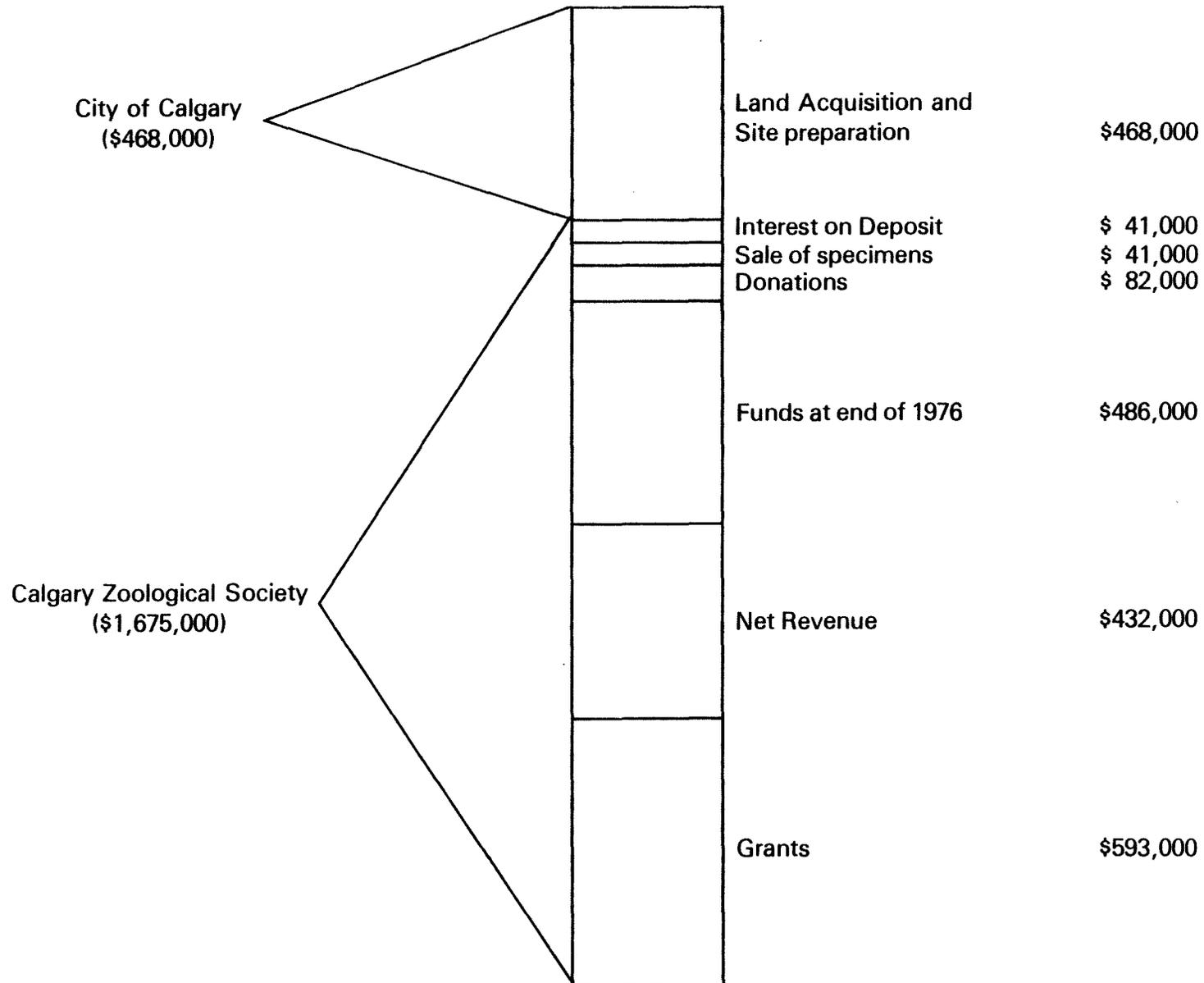
COMPLETED CONSTRUCTION IN 1977

The Siberian Tiger habitat display, the Eurasian exhibit, composed of (a) Japanese Macaques (monkeys) (b) Snow Leopards (c) Black Leopard, the Gibbon exhibit, the Ibex exhibit, the new entry facility with north and south plaza, a temporary parking area for 500 cars, major loop for site utilities.

THE PREHISTORIC PARK

This major project enjoys the sponsorship of the Energy Industry. A special committee from the industry together with the Calgary Zoological Society has actively pursued the solicitation of funds and pledges for this project. The planning for the physical layout of the park has progressed considerably during 1977. The location for this park will be immediately north of St. George's Island to the west of the new entry complex on a 8 acre site. The landscape components of this park will attempt to recreate features of prehistoric times. The animal replicas will represent animal species that lived during the late Jurassic and Cretaceous age. The prehistoric animals will represent species which were indigenous to this area. Construction of the prehistoric park is planned to commence in spring, 1978.

CALGARY ZOO – CAPITAL BUDGET (\$2,143,000)



NEW EXHIBITS AND PROJECTS PLANNED FOR 1978

New exhibits planned for 1978 are:

1. The Nocturnal/Australian House
2. The Northern Bear Exhibit
3. Birds of Prey Aviaries
4. Wolf Display
5. Children's Zoo Contact Centre

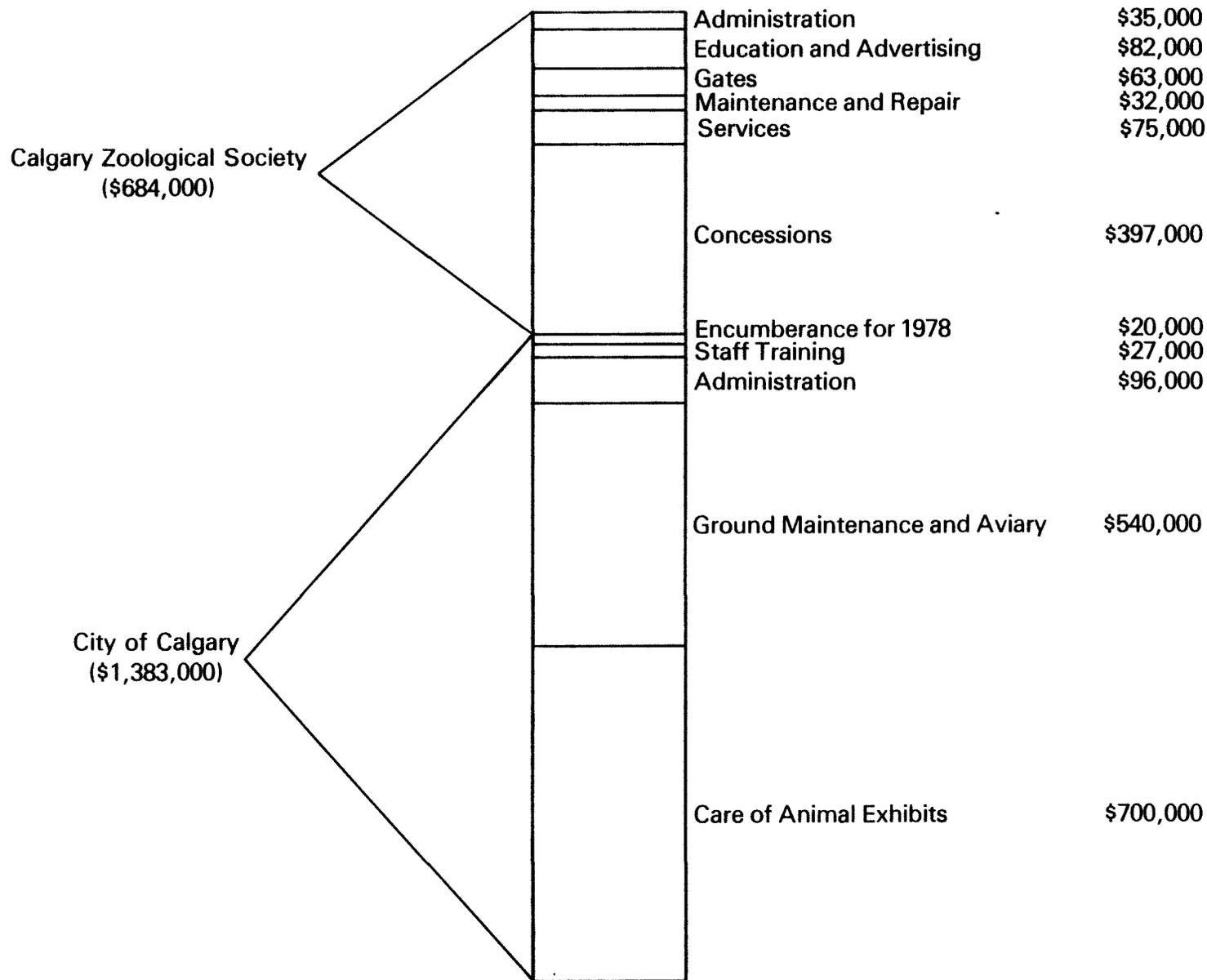
EDUCATION DEPARTMENT

This department, staffed with one Education Co-ordinator and one Education Assistant, plus seasonal Recreational Leaders and Tour Guides, had programs that benefited the following:

EDUCATION PROGRAM ATTENDANCE 1977

Program Description	% of tours or classes	% of Attendance (*Estimated)
Children's Zoo "Baby Animal Tours" May 20-Sept. 1	162	3,300*
Zoo tours for school classes Grade 1 - 6	100*	3,500*
Visits to schools with films and live animals	200*	7,000*
Adult Zoo tours by Tour Guides June - Sept.	150*	2,000*
Children's Christmas Parties (donkey visits)	33	4,000*
TOTAL	645	19,800

CALGARY ZOO – OPERATING BUDGET (\$2,067,000)



LIVE COLLECTIONS

The animal collection did not change much during 1977. Two new species of mammals were added through the acquisition of 4 Addax Antelopes from the Los Angeles Zoo and 5 Alpine Ibex from the Berne Zoo in Switzerland. The male Snow Leopard arrived for our new exhibit which will be followed by the acquisition of a female on a breeding loan from the Seattle Zoo in spring, 1978. A number of animals were reproduced, among these were one (1) Brazilian Tapir, two Asiatic Black Bears, one Spectacled Bear, one Spider Monkey, two squirrel Monkeys, one Sumatran Orangutan, three Siberian Tigers, one Muksox, two Dall Sheep, one Japanese Macaque, one White-handed Gibbon, five Trumpeter Swans, five Coscoroba Swans and eight Corn Snakes, to name some of the significant reproductions. A total of 87 animals were acquired from other zoo collections. The steadily growing rescue program for orphaned or injured animals accommodated 616 specimens, these included 99 mammals, 485 birds and 28 reptiles, 3 amphibians, and one invertebrate. Many of these animals were successfully reintroduced into the wild.

Others were euthanized due to severe injuries, still others were placed in our zoo collection.

A number of new species were acquired for the tropical plant collection in the conservatory.

ATTENDANCE

Visitor attendance increased again in 1977 over the previous year.

Year	Paid Admission	Free Children	Free Others	Total
1976	578,376	83,558	49,087	711,021
1977	583,408	84,232	47,748	715,388

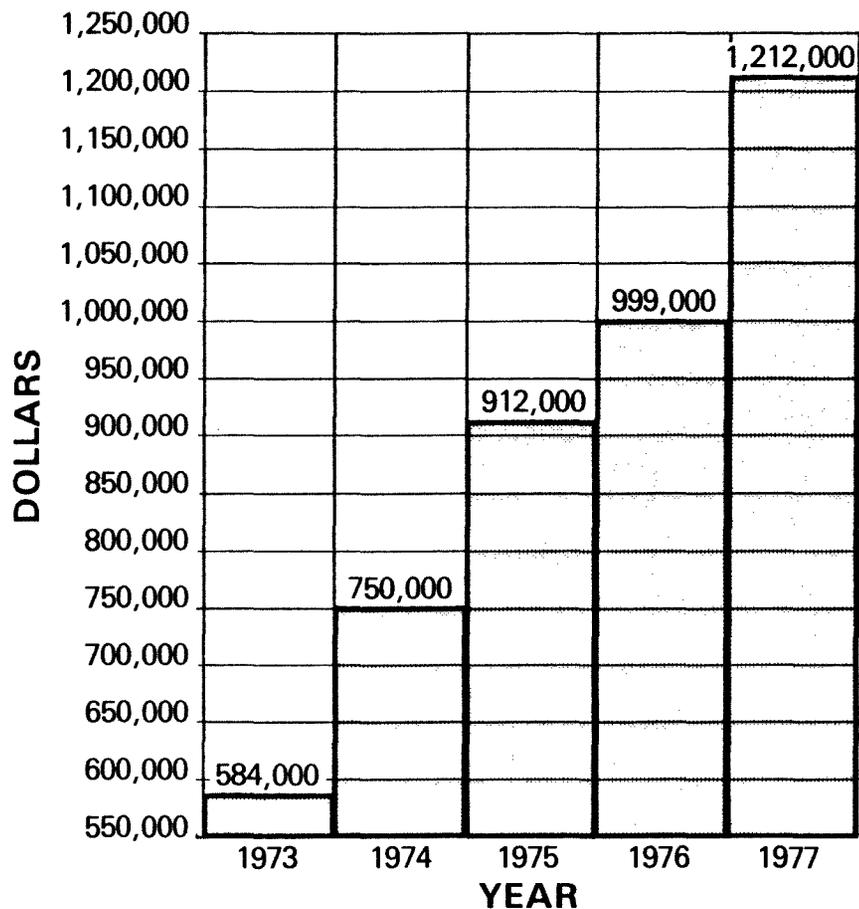
MEMBERSHIPS

Year	\$10 Family	\$7 Individual	\$100 Life	Total
1975	4,581	533	61	5,175
1976	6,384	549	78	7,011
1977	7,728	495	107	8,330

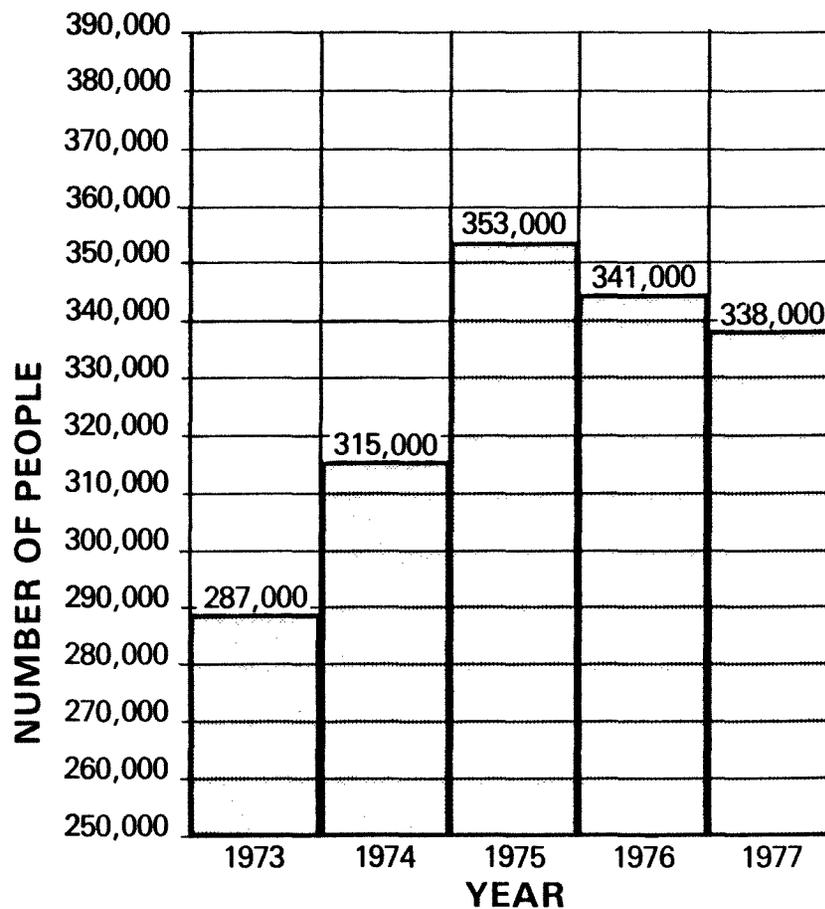
heritage park

HERITAGE PARK

GROSS OPERATING REVENUE



ATTENDANCE



Admission Fees (1977)

Adult	_____	\$ 1.25
Child (under 6 yrs.)	_____	\$.50
Yearly Pass	_____	\$10.00

HERITAGE PARK

On July 1st, 1978, Heritage Park will have completed its fifteenth year of operation. In those fifteen years, the Park has had almost a one thousand per cent growth. Exhibits increased from 10 to 95, staff increased from 28 to approximately 250. The investments in exhibits and facilities increased from \$300,000 to over \$4,000,000. All of these statistics are proof of the dedicated work and support of Society members, committee members, volunteers, staff, elected representatives and staff of the City of Calgary, the Government of Canada, the province of Alberta and our private donors.

Gross Revenue during 1977, established a new record, over \$1,200,000. However, with the ever increasing cost of both Revenue and non-Revenue Operations, the Park's operating results broke even. As a result, no contribution to the Capital Fund was made in 1977.

Maintenance and Repairs to Buildings and Equipment totalled over \$260,000. This investment appears well justified when one overhears the complimentary remarks of visitors as to the well kept appearance of the Park.

During the year, the City of Calgary contributed an amount of \$397,000 to the operating and building maintenance costs of the Park, and approximately \$54,000 to Capital Development. The latter being an expenditure of funds provided in previous years.

Capital investment in the Park increased by some \$520,000 in 1977. This was made possible by the City of Calgary, private donors and a grant from the Provincial Government. Capital Investment totalled \$4,410,876 at the end of 1977.

Four new major exhibits were added to the Park in 1977, the Laggan Station from Lake Louise, the Berry Creek N.W.M.P. Patrol Post, the Gleichen School house which was one of the first in Southern Alberta and the Burns Barn which will house part of the Devonian Group of Charitable Foundations' Carriage Collection.

On July 6th, the Park was honoured to be selected by the Government of Alberta to arrange and conduct a Western Barbacue for his Royal Highness, the Prince of Wales. All spirits were thoroughly watered by the extremely inclement weather, but in spite of it all, the Park was complimented for a job well done.

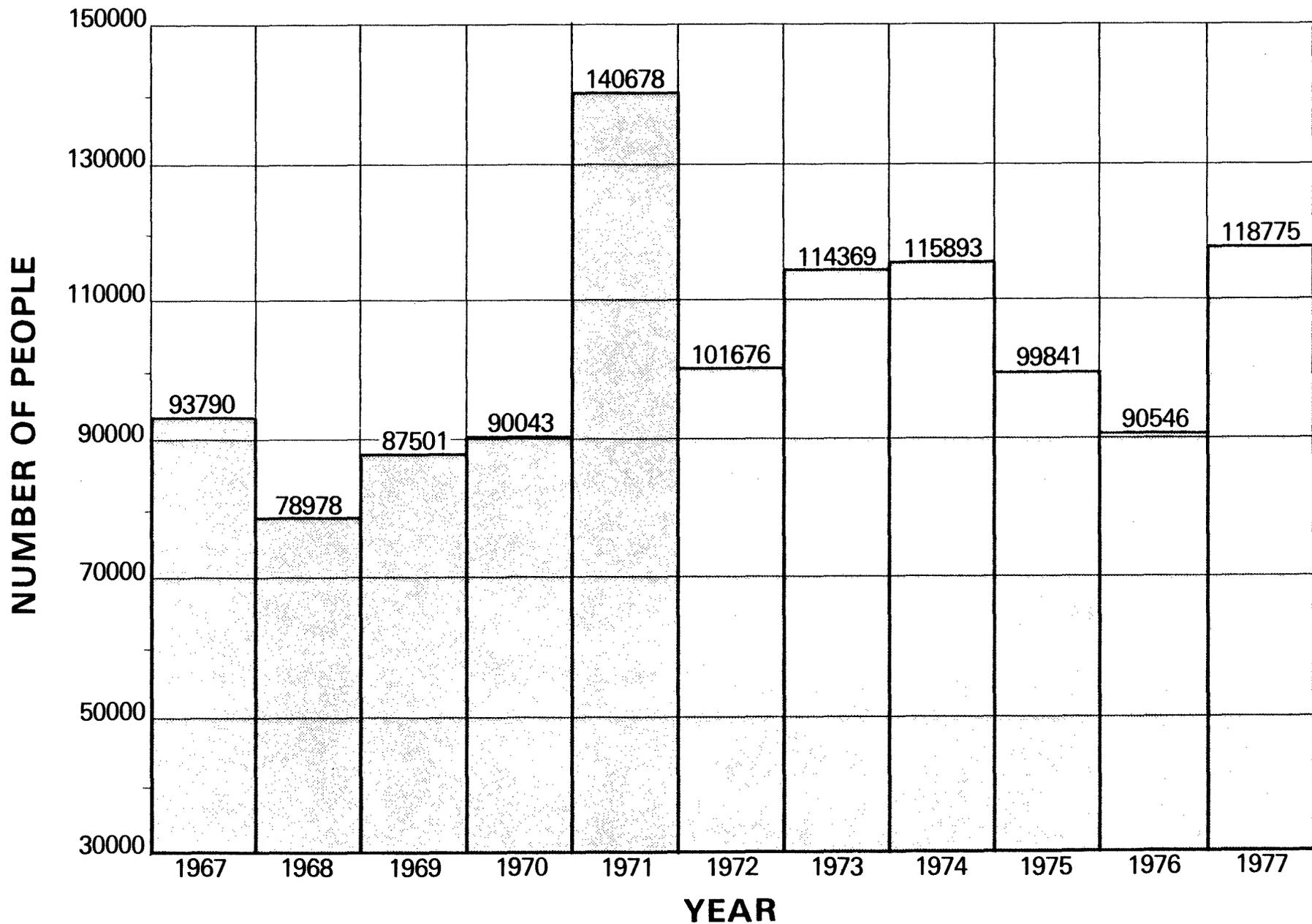
On July 9th, His Royal Highness Prince Andrew spent the morning in the Park. He arrived a little earlier than expected and anxious moments were experienced endeavouring to keep his party separated from a Carnaval de Quebec group which had been western breakfasting at the Hotel. His Highness expressed interest when his carriage and a loaded horse drawn streetcar crossed paths to the musical accompaniment of "Alouette".

Other personages visited the Park during the year, these included:

- The Lord Mayor of London
- The wife of the Russian Ambassador to Canada
- The Canadian Museums Association
- The International Cattlemen's Association
- The International Conference of Editorial Writers
- Parliamentarians from 16 Commonwealth Countries
- Members of the Royal Agricultural Association.

centennial planetarium

CENTENNIAL PLANETARIUM ANNUAL ATTENDANCE



CALGARY CENTENNIAL PLANETARIUM

The Calgary Centennial Planetarium opened July 1, 1967 in honour of Canada's 100th Birthday. It was built as the official Centennial project of the City of Calgary and the Municipal District of Rockyview. Federal and Provincial government grants aided the one and a quarter million dollar project which now is operated as a division of the City of Calgary Parks and Recreation Department

During the 1977 Operating Year the Centennial Planetarium Building was used by 118,775 visitors. The total number of visitors for the 11 year operation to date is 1,132,158 for an average of 102,923 visitors per year.

STAR CHAMBER

The Planetarium's Star Chamber is a wonder of modern technology featuring the remarkable Zeiss Planetarium Projector, plus more than 100 special effect projectors and hemispheric sound system. The "star shows" explore the universe in a far-out fashion. Special shows for adults and children are scheduled through out the week at convenient times. Most shows are of approximately an hour's duration.

921 shows were given to an audience of 88,211 visitors to an average of 96 visitors per show. An average of 18 shows per week were offered.

PLEIADES THEATRE

Exciting Live Entertainment, music, comedy, drama, dance - the ever changing moods of the live theatre are presented for your enjoyment in the comfortable intimate 250 seat Pleiades Theatre.

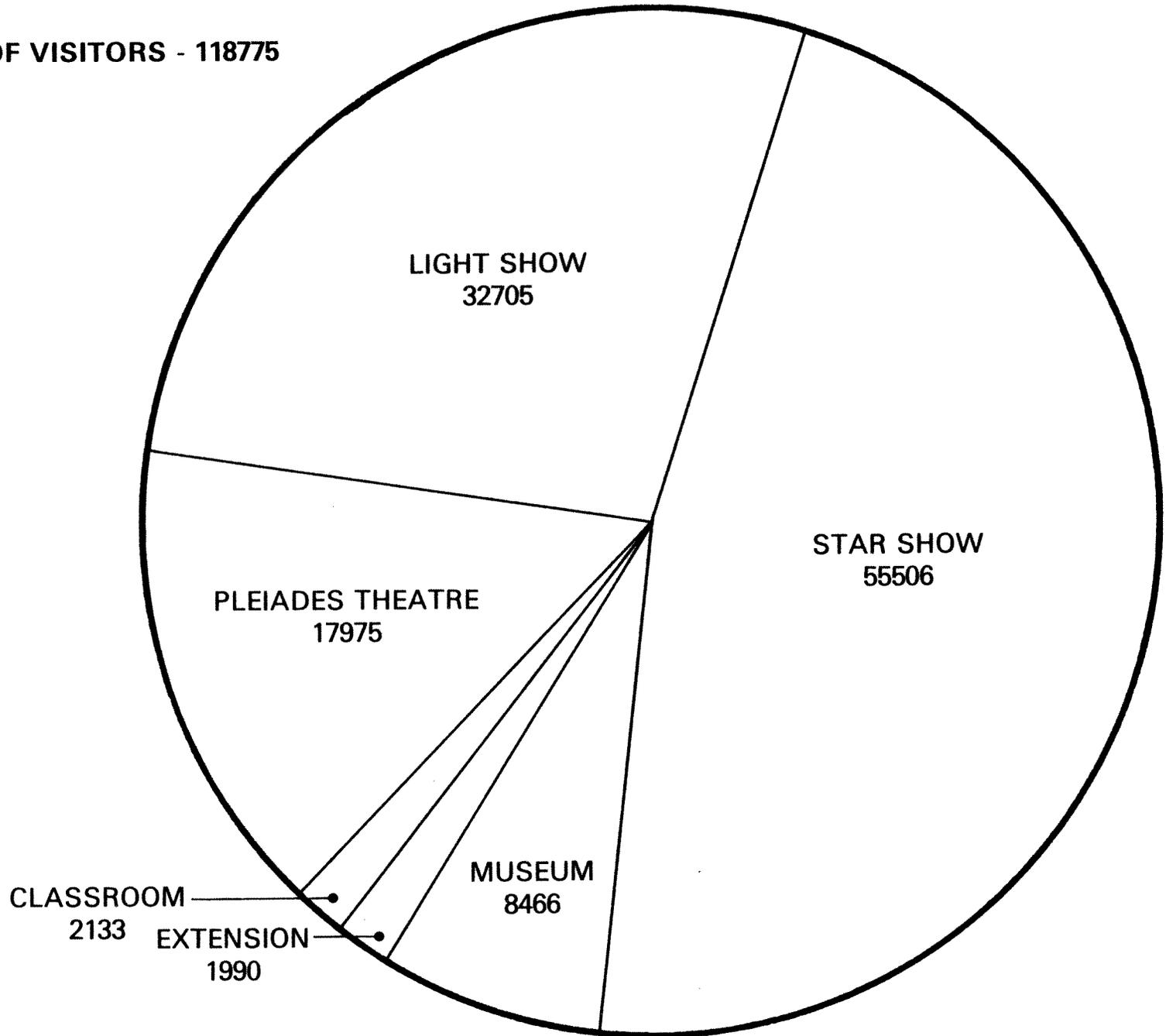
The Pleiades stage is graced by world famous artists, up-and-coming young Calgary performers, musical comedies and mime theatre. When the theatre is not in use for Pleiades sponsored programs, the well-equipped stage and screen are available for lease.

The Pleiades Theatre presented an even mixture of rental and sponsored events to serve a total of 17,975 visitors.

CENTENNIAL PLANETARIUM

1977 VISITORS

TOTAL NUMBER OF VISITORS - 118775



AREO SPACE SCIENCE CENTRE (MUSEUM)

Under Construction

“A Path through the Universe” -Surrounding the Planetarium Star Chamber is a circular display area which may be viewed in total or in individual sections.

The entire display is intended to convey a feeling of the vastness of the known universe by taking viewers from outer space, with its billions of galaxies, thru our own “local cluster” of 27 galaxies and on to our “own” Milky Way Galaxy, our own small star and its solar system and finally to our earth and moon.

The Galaxy Wall -The galaxy wall portrays a view of 14 galaxies from the local cluster. It takes the viewer some three million light years into space, to look back on the Milky Way.

Nebulae Wall -Zooming in from outer space to the internal structure of our own galaxy, we arrive at the Nubulae Wall. These beautiful clouds of space, dust and gas are shown in actual color transparencies, most taken with the 200 inch, Mt. Palomar telescope.

Star Field -The Star Field tunnel or minidome represents about 200 stars in their apparent magnitude as seen by the viewer from our own Solar System.

Sun Scape -A close up of the Solar Furnace. The sun’s vast sphere about 1.4 million kms. in diameter consists mainly of violently hot hydrogen and helium gases. Our solar slice or wedge represents to a viewer five feet away a scaled view some 170,000 kms. from the sun.

ACTIVITIES

Aircraft Construction -The Planetarium conducts an exercise in amateur aircraft construction during which participants build a first World War vintage aircraft from original plans. The current exercise is completing the construction of a Sopwith Triplane.

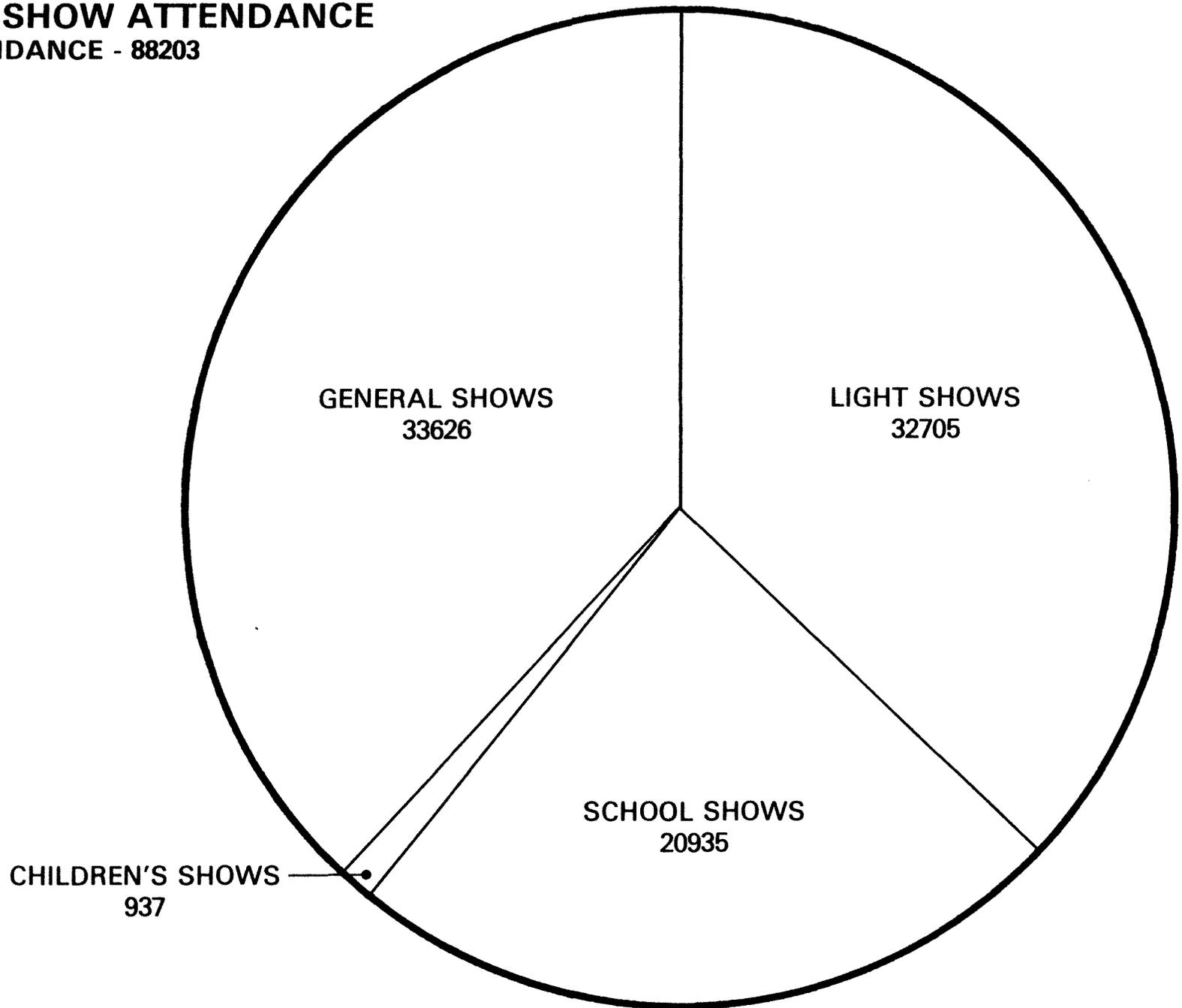
Aircraft Restoration -This is an exercise during which persons with necessary skills participate in the restoration of an existing aircraft belonging to the museum. The current project is the restoration of a MK X11 A Hawker Hurricane.

Amateur Telescope Making - Two such courses are conducted by the Planetarium. Participants are instructed in the proper methods of mirror grinding and are given assistance in building their own astronomical telescope.

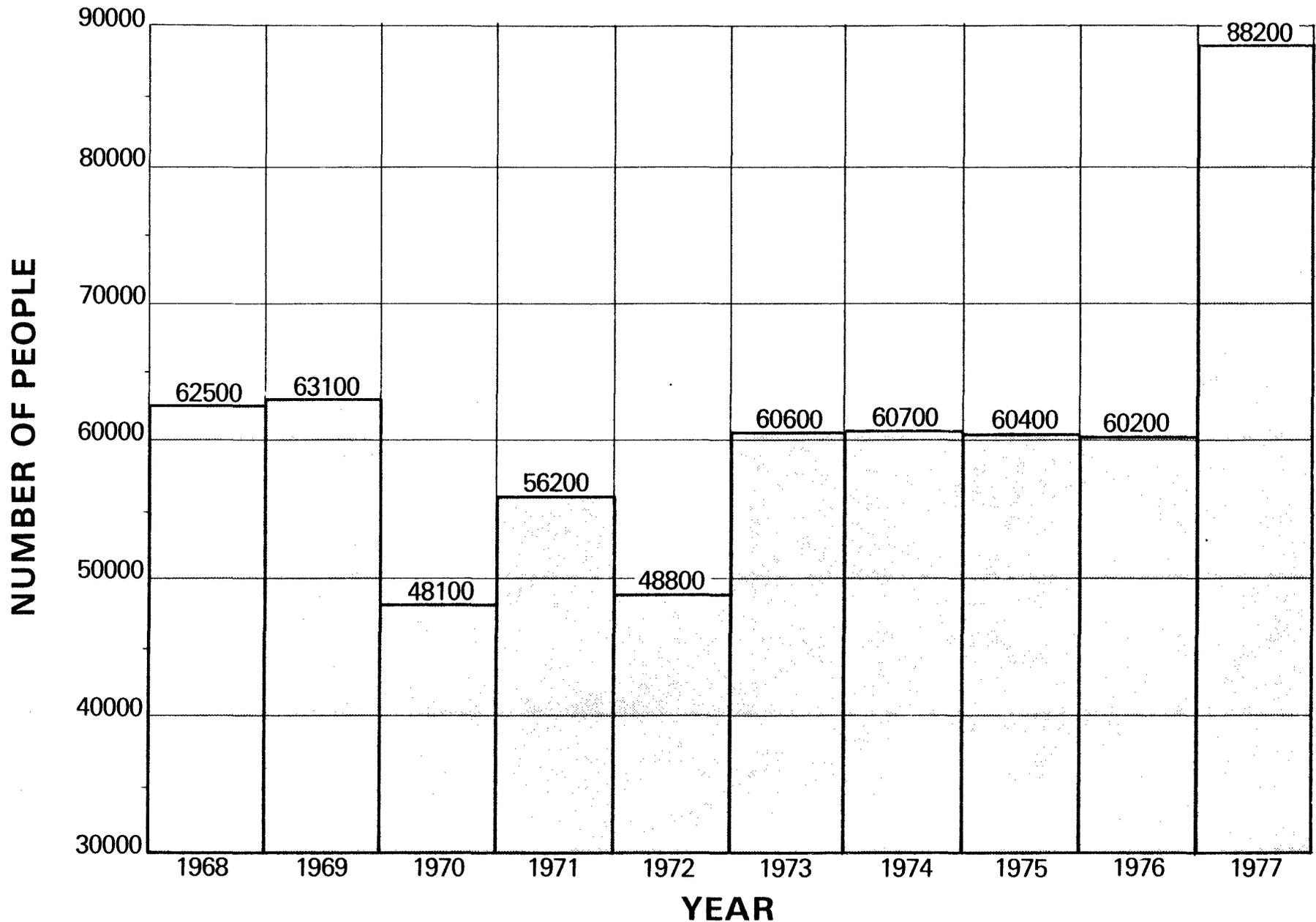
CENTENNIAL PLANETARIUM

1977 STAR SHOW ATTENDANCE

TOTAL ATTENDANCE - 88203



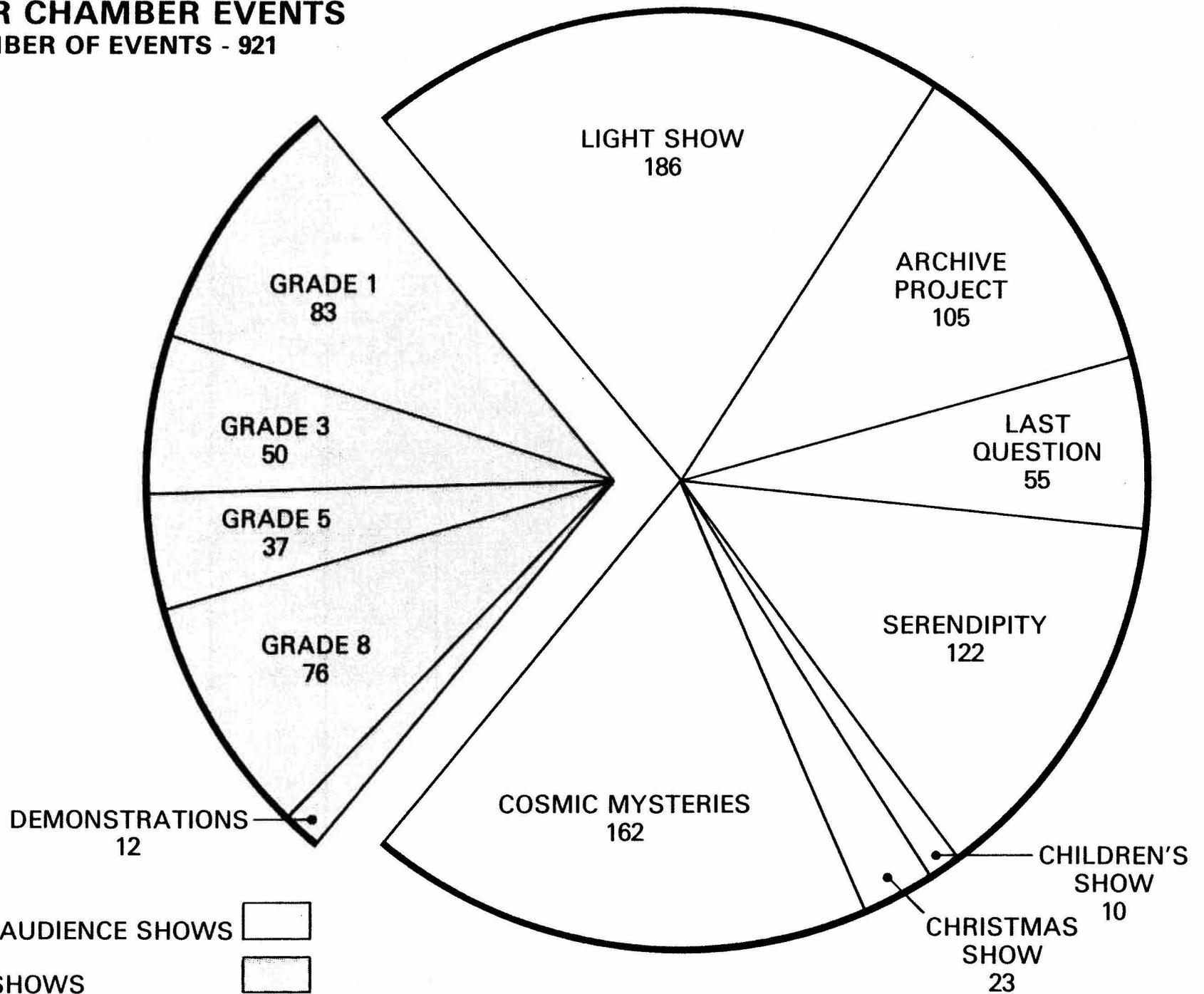
CENTENNIAL PLANETARIUM STAR CHAMBER ATTENDANCE



CENTENNIAL PLANETARIUM

1977 STAR CHAMBER EVENTS

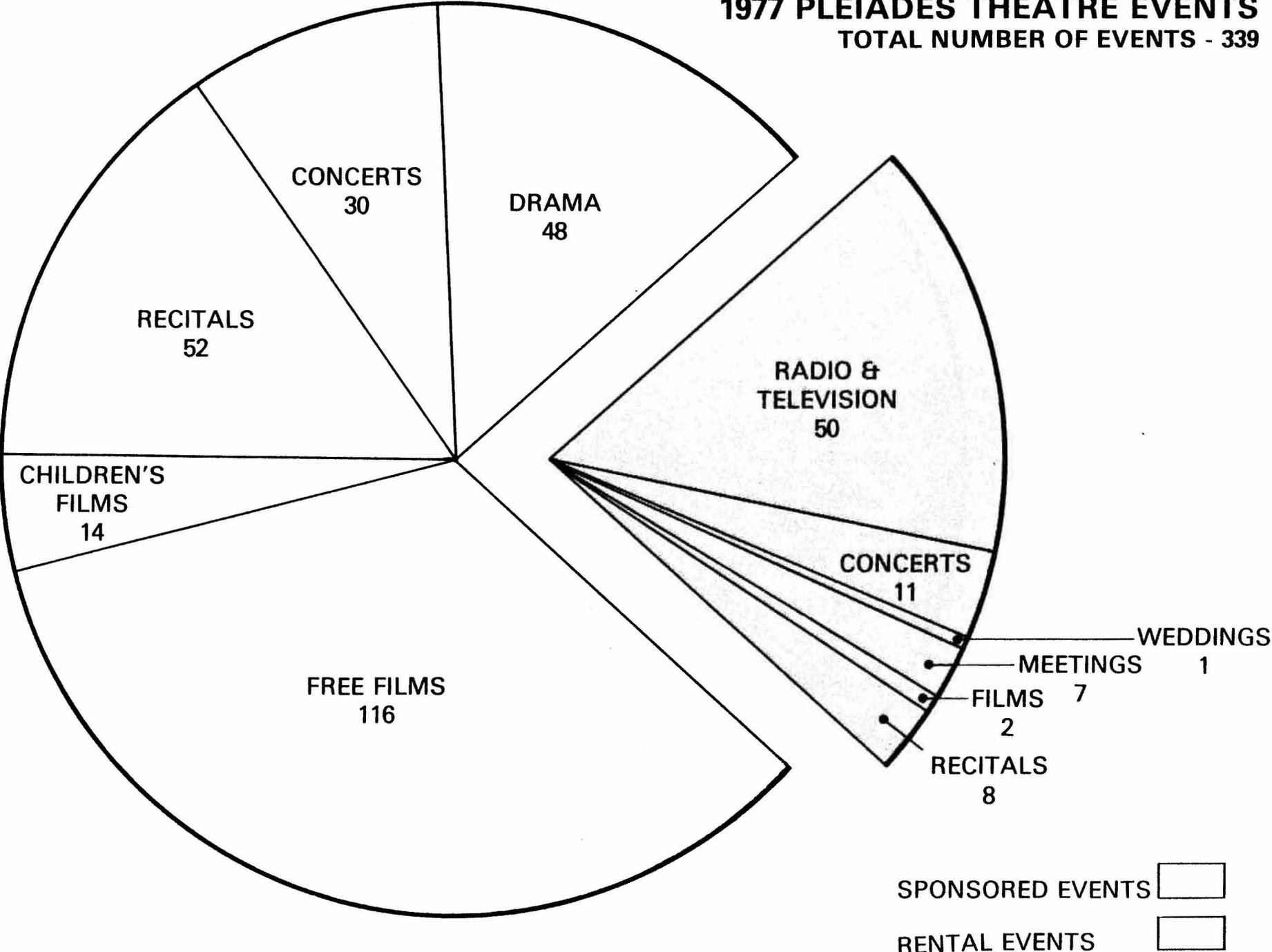
TOTAL NUMBER OF EVENTS - 921



CENTENNIAL PLANETARIUM

1977 PLEIADES THEATRE EVENTS

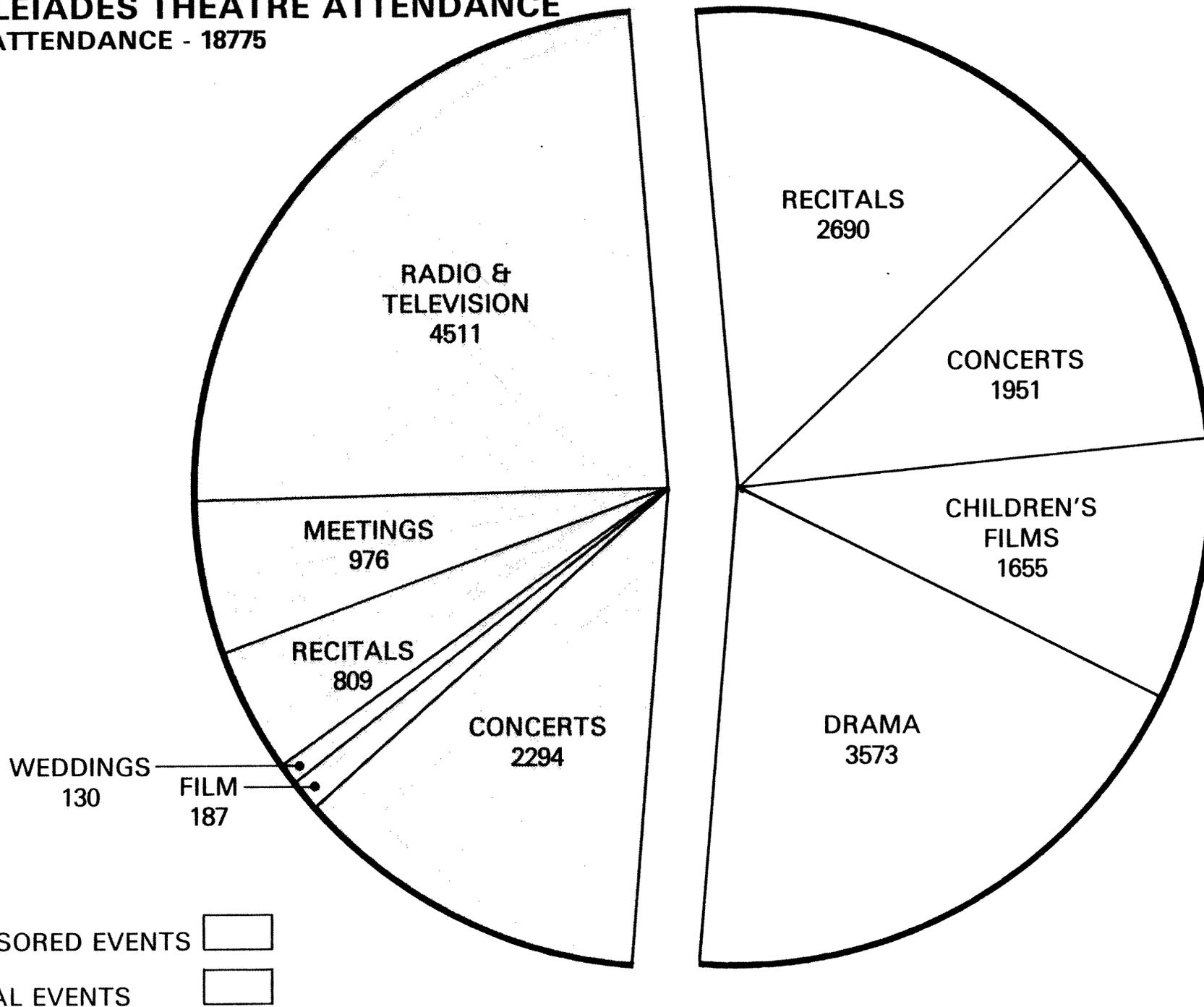
TOTAL NUMBER OF EVENTS - 339



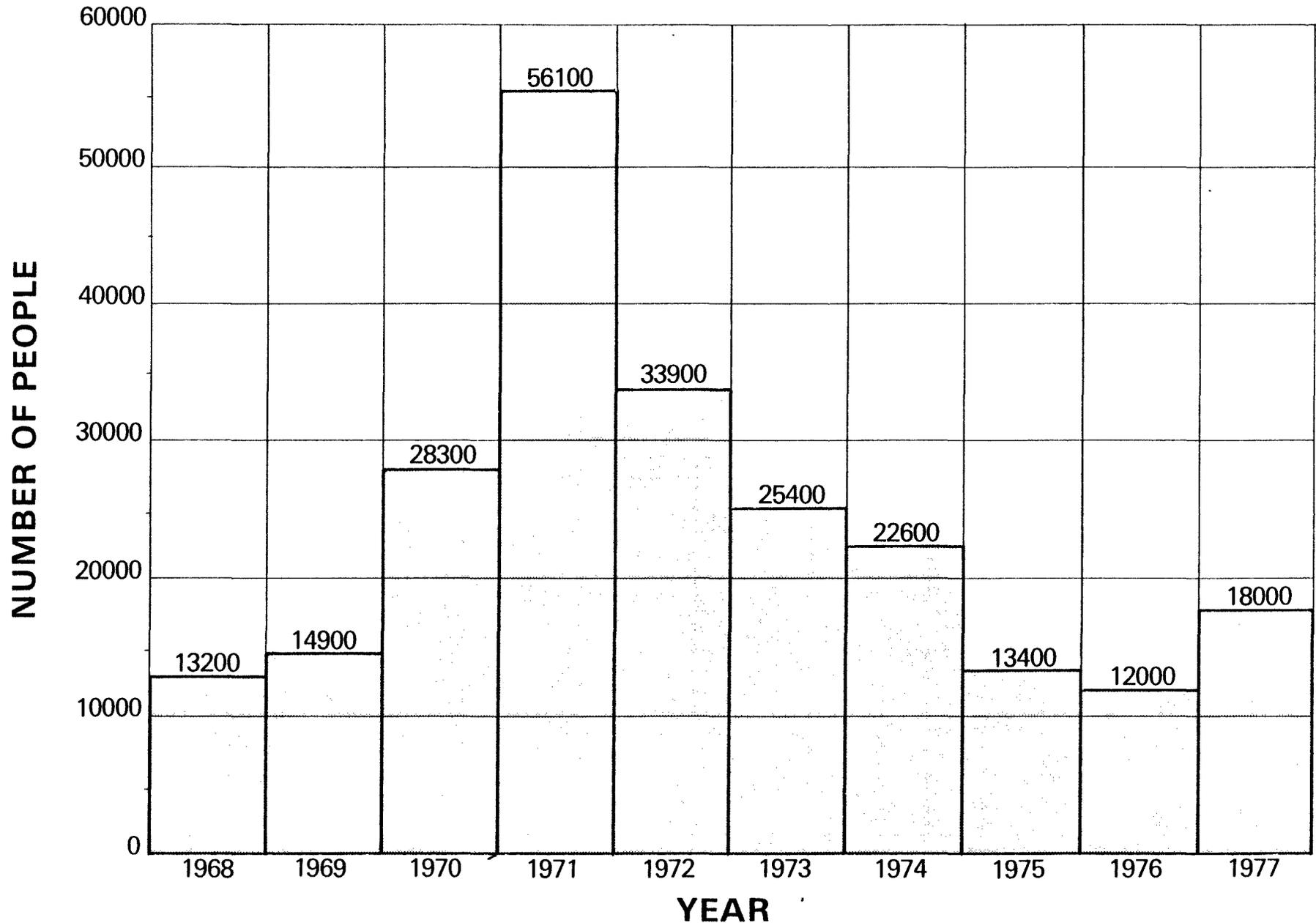
CENTENNIAL PLANETARIUM

1977 PLEIADES THEATRE ATTENDANCE

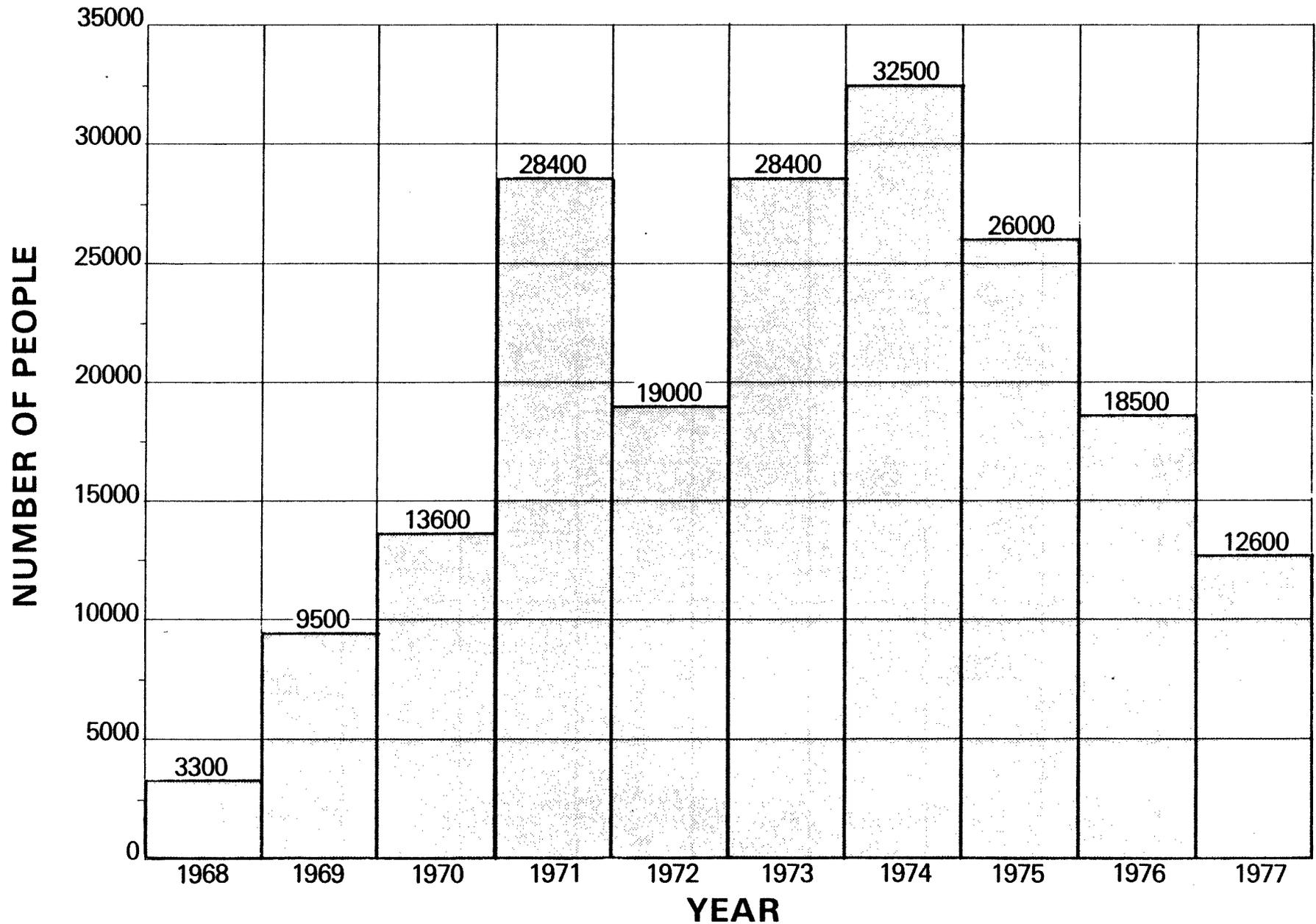
TOTAL ATTENDANCE - 18775

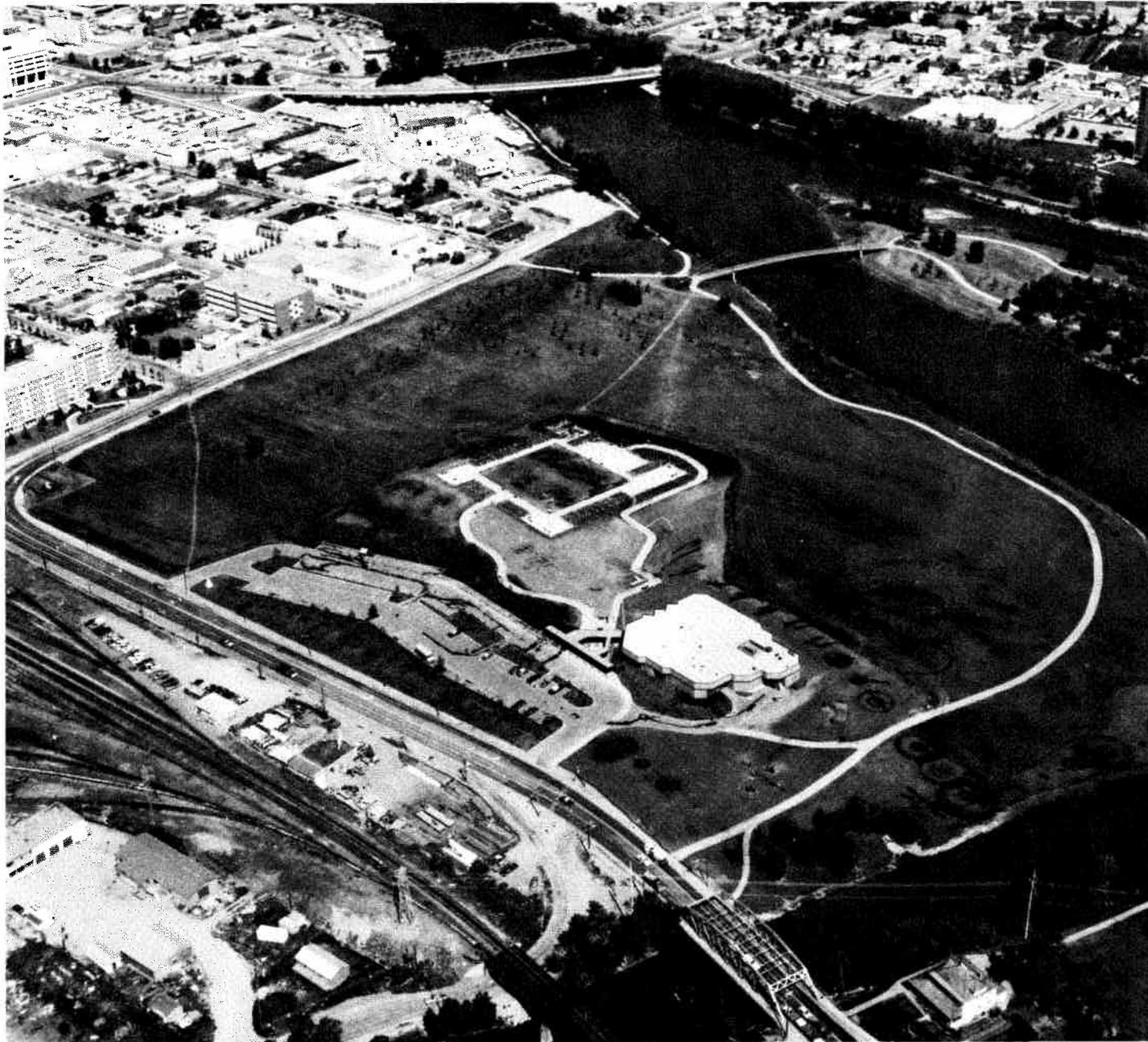


CENTENNIAL PLANETARIUM PLEIADES ATTENDANCE



CENTENNIAL PLANETARIUM MUSEUM ATTENDANCE





FORT CALGARY PROJECT

Landforming commenced during 1975 and continued into 1977 to restore the original topography of the site. The 32 acre site had to be cleared of buildings and large amounts of debris. Subsequent archeological digs exposed well preserved foundations of the original fort and numerous artifacts from that era.

Apart from the old log cabin, Hunt House, Deane's House and the new Interpretive Centre including a layout of concrete walks and the spacious parking lot, the entire project was aimed at keeping the Fort Calgary Site as natural as possible. All existing vegetation, mostly shrubs and trees, is closely related to varieties of Native Plants such as Poplar, Willow, Ash, Spruce and Dogwood.

The proximity of Fort Calgary to the downtown core and its link with Centenary Park and the Zoo Island should provide not only a point of historic interest but also an appreciated facility for recreational activities.

FORT CALGARY INTERPRETIVE CENTRE

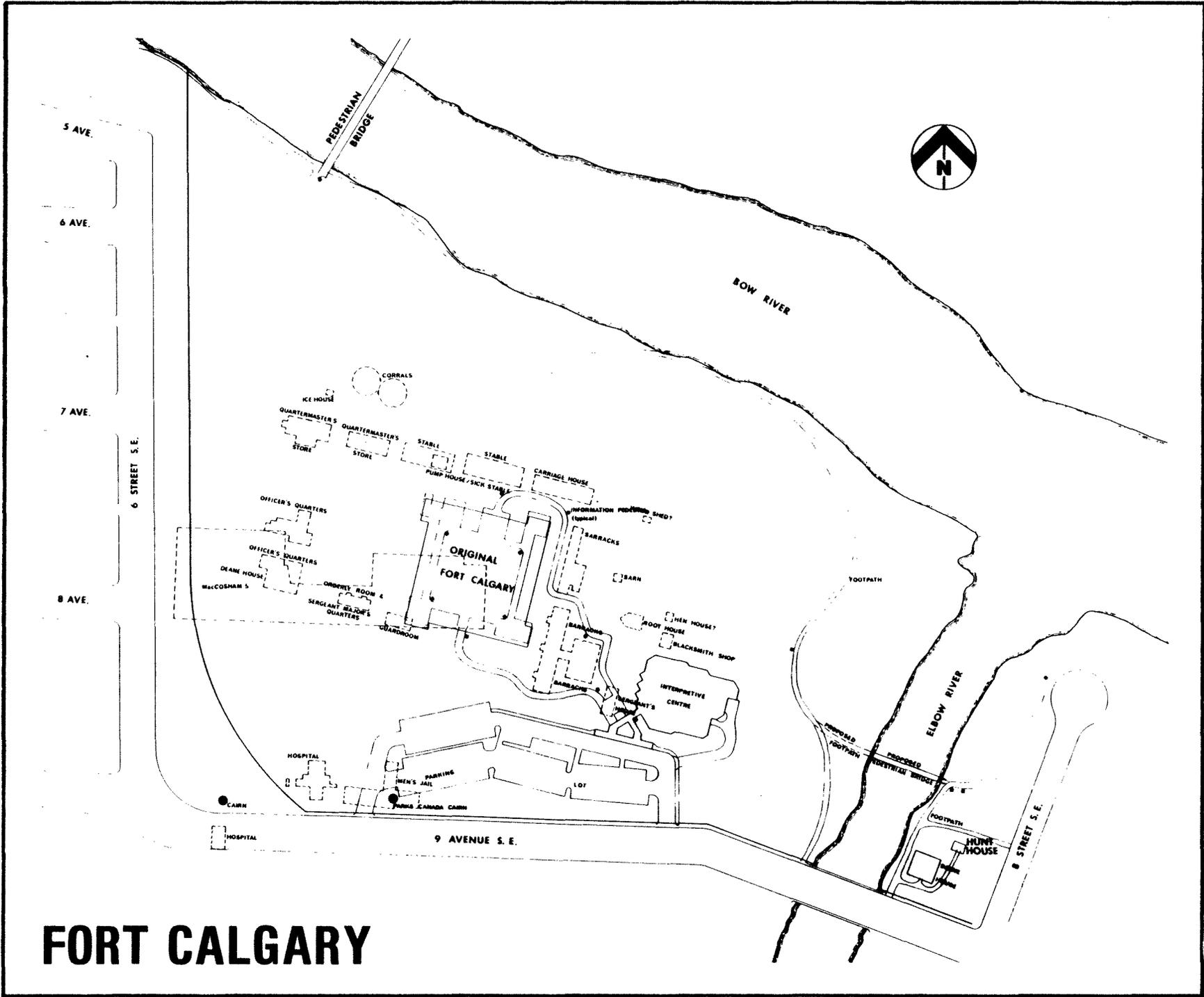
The Fort Calgary Interpretive Centre building was completed in 1977. Design and Installation of Exhibits and Audio Visual Equipment followed in preparation for a Spring 1978 opening.

The outdoor interpretive walk including the marking of the 1875 Fort outline was completed.

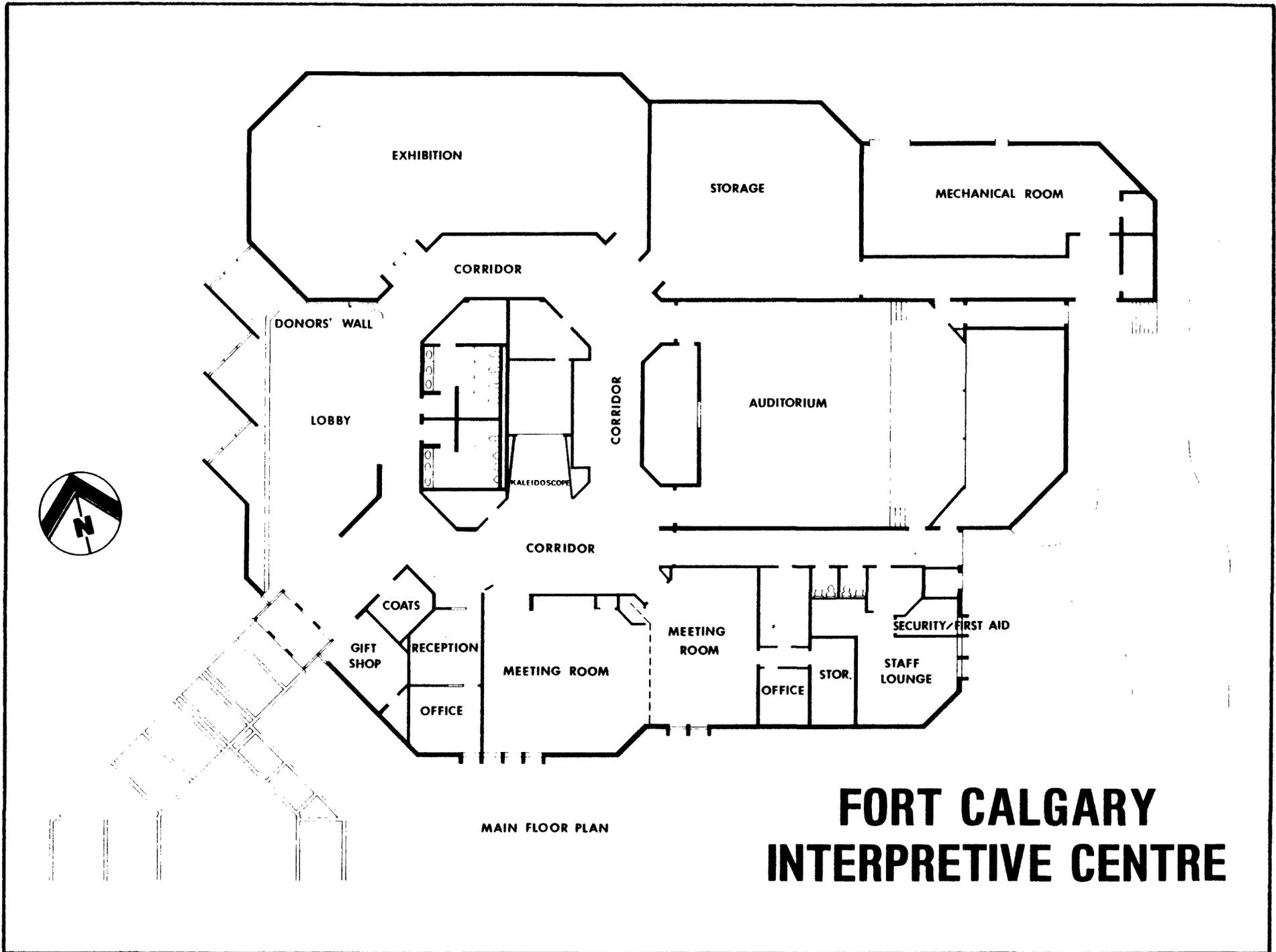
Courses on Museums in Alberta and Training sessions for volunteers were held.

September 1977

Number of Volunteers	30
Number of Sessions	12



FORT CALGARY



fish creek park



FISH CREEK PARK

The development of Fish Creek Park will constitute a significant addition to the City of Calgary parks system. While the facility is being constructed and operated by and at the expense of Provincial Department of Recreation, Parks and Wildlife, it will program-wise, be integrated with the activities of municipal agencies and to this end, the Calgary Parks/Recreation Department is represented on the Fish Creek Park Management Committee.

The Park occupies the entire Fish Creek Valley and a sizable portion of the Bow River flood plain connected the Bow River in the east to the Sarcee Reserve in the west. The six-mile length park is comprised of 2,900 acres of which 2,550 acres have been acquired as at the end of 1977.

1977 construction consisted of the following.

- parking lots and associated restroom facilities.
- picnic sites and shelters.
- trail system.
- interpretive centre in preparation for 1978 opening.
- Sikome Lake, a nine acre swimming facility including a building for changing, restrooms, lifeguarding and a cafeteria; this will be open for use in 1978.

Construction expenditures to date are:	1975 - 1976 - \$	91,000
	1976 - 1977 -	\$1,350,000
	1977 - 1978 -	\$2,400,000
	TOTAL	\$3,841,000

appendix

APPENDIX

Minimum Maintenance Service For Athletic & Play Fields

MINIMUM MAINTENANCE SERVICES PROVIDED	CLASS "A"	CLASS "B"	CLASS "C"	CLASS "D"	CLASS "E"
Field Markings and Maintenance	Baseball/Softball – Daily Soccer/Football – Weekly	Baseball/Softball – Twice Weekly Soccer/Rugby/ Football/Field Hockey – Every Two Weeks	Baseball/Softball – Twice Monthly Soccer/Rugby/ Football/Field Hockey – Monthly		
Clean-up	Daily – including bleachers, dressing rooms, etc.	Twice Weekly	Weekly or as required	Twice Monthly or as required	Restricted To Garbage Pick Up
Mowing	As Required	As Required	Weekly or as required	As Required and Scheduled	As Required and Scheduled
Fertilizing	As Required	Yearly	Yearly	Yearly Spring Maintenance of Work Required	Yearly Field Maintenance Minimal
Top Dressing	As Required	As Required	As Required		
Aerating	As Required	Yearly	Yearly		
Re-sodding and seeding	As Required	As Required	As Required and Funds Available		
Watering	Once Weekly	Once Weekly	Twice Monthly or as required		