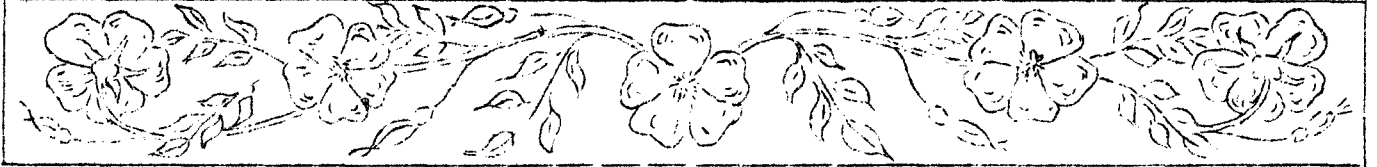
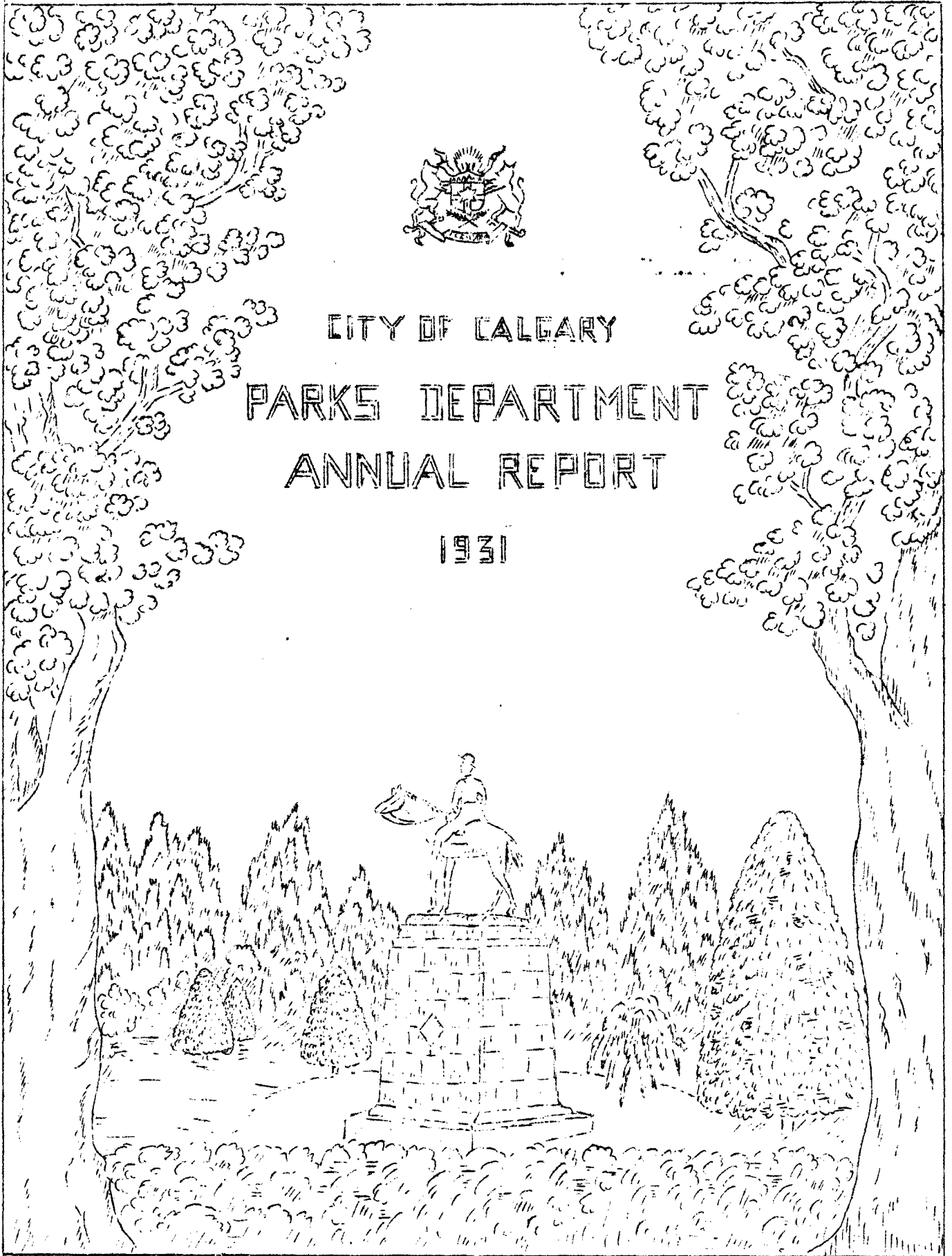




CITY OF CALGARY  
PARKS DEPARTMENT  
ANNUAL REPORT

1931



CITY OF CALGARY PARKS DEPARTMENT

ANNUAL REPORT 1931

I N D E X

	<u>Page</u>
Additional Features, suggested.....	2
Additions to Park Systems.....	1,2
Athletics.....	25,26,70,71
Athletics and Amusements.....	79
Arboratums.....	2
Arboriculture.....	3
Auto Maintenance and Depreciation.....	77
Bankview Gardens.....	14,15,62
Baseball.....	21
Baseball, Organized Teams for Unemployed.....	33
Band Concerts.....	26,71
Bedding Plants.....	120-122
Bonspeil, assistance at.....	33
Boulevards.....	26-28,71,72
Boulevard Bylaw Number 2753.....	42,43
"          "          "      2750.....	42,43
"          "          "      2734.....	40,41
"          "          "      2656.....	38,39
"          "          "      2641.....	36-39
Bridle Trails.....	2
Bridge Approaches.....	16
Buildings.....	79
Bulbs and Corms, Planting Record.....	103-105
Burnsland Cemetery.....	29-31,73,74
Bylaw Number 1297.....	64
Bylaw Number 2411 (Final Statement).....	57,59,61,63,74,81-83
Capitol Hill Park.....	14,62
Capitol Hill Park, Bylaw Number 2411.....	81
Cenotaph, Memorial Park.....	13
Cemeteries.....	29-31,73,74,80
Cemeteries, Statistics.....	31
Cemeteries, Bylaw Number 2411.....	82
Centre Street Cut.....	61
City Hall Gardens.....	16,63
Commissioners Contingent Fund.....	57,60,63,66,68,71,72
Crescent Park.....	12,57
Crescent Park, Bylaw Number 2411.....	81
Cut Bank, 34th Ave. & 8th St. W.....	16
Displays, Floral.....	33
Eighth Street West Island Plots.....	16
Elbow Boulevard Park.....	13,59
Elbow Boulevard Park, Bylaw Number 2411.....	83
Elbow River Walk.....	17
Elbow Park Swimming Pool Grounds.....	17,64
Elbow Park Swimming Pool Grounds, Bylaw No.2411.....	83
Expenditures, Complete Statement of.....	45-54
Expenditures, Statement in Detail of.....	55-78

	<u>Page</u>
Expenditures, Classified Statement	79
Expenditures, Bylaw No. 2411	81-83
First Aid Work	33
Floral Display, Decorations, etc.	79
Floriculture	2,3
Flower Shows	33
Garden Crescent	16,64
Golf Course,	17-19
Golf Course, new	18
Golf Course, Statement of Expenditures & Revenue	35
Golf Course, Expenditures	65
Grass Seed used	34
Greenhouse	76
Hillhurst Park	21,67
Hillhurst Park, Bylaw No. 2411	81
Hillhurst Triangle	14,62
Hillhurst Triangle, Bylaw No. 2411	85
Island Plots at Intersections, Mt. Royal	16
Killarney Park	15,58
Lawns	79
Local Improvement Bylaws	34-43
Maintenance of Tools	76
Memorial Park	13,59,60
Memorial Drive	29,72,73
Mewata Park Expenditures	66
Mewata Park	19
Mewata Park, Bylaw No. 2411	81
Mewata Stadium	19-21, 66
Millican Park	15,62
Millican Park, Bylaw No. 2411	82
Mission Park	15,62
Miscellaneous	33
Models, rock garden	35
Mount Pleasant Park	12,58
Municipal Golf Course	13
Nurseries	32,75,80
Ogden Park	13,60
Ogden Park, Bylaw No. 2411	83
Park Furniture	79
Perennial Flowering Plants Raised on Hotbeds	97-102,110-119
Perennials, Planting Record	94-96
Playgrounds	22-24, 67-68
Playgrounds, Bylaw No. 2411	82
Planting Record	3
Playground, Mewata Park	21
Policing	37
Propagation, stock	123-129
Queen's Park Cemetery Site	31,75
Receipts	44
Revenue Statement	44
Riley Park, Bylaw No. 2411	81
Riley Park Swimming Pool, Paving	56
Riley Park	12,56
Riverdale Avenue	14,62
Riverdale Avenue Plot, Bylaw No. 2411	85
Risks	23,25,69,70
Roads and paths	79
Ro	1

	<u>Page</u>
Rock Retaining Walls and Rock gardens	79
Rock garden (model)	33
Roxboro Park	62
Rotary Club, expended by	58
Rotary Recreation Ground	21, 22, 58
Rosevale Park	14, 61
Rosedale Crescent	14, 62
Royal N.W.M. Police Memorial	16, 64
Rugby	21
Salaries	76
Seeds for Experimental Purposes	2, 32
Seed Exchange	2, 3
Second Street East Cut, Bylaw No. 2411	82
St. George's Island, Bylaw No. 2411	82
St. George's Island	4, 55, 56
St. John's Ambulance	4
Shrubs, Planting record	88-93
Shaganappi Golf Course	17-19, 35, 65
South Mount Royal, Bylaw No. 2411	82
South Calgary Park	14
South Mount Royal Park	12, 57
Soccer	21
Stadium, Mewata Park	19, 20
Stationery and Printing	76
Stock Purchased for Trial & Propagation	123, 129
Sundry Plots	14, 61
Sunalta, Upper	14
Sunalta Park	14, 61
Sunalta Park, Bylaw No. 2411	82
Sunshine	33
Sundries	78, 80
Swimming Pool, Riley (Paving)	56
Tallon Avenue Plot	16, 62
Tennis Club	14
Thirty Fourth Ave. & 8th St. W.	16
Tools, Plant, and Equipment	32
Tompkins Park, Bylaw No. 2411	82
Tompkins Park	15, 60, 61
Triangle Park, Bylaw No. 2411	82
Triangle Park	15, 61
Trees and shrubs	79
Trees, Planting Record	84, 87
Tree Work	3, 4
Trial Stock	123-129
Tuxedo Park	14
Union Cemetery	70, 73, 74
Wading Pool, Rotary Recreation Ground	22
Wading Pool, Riley Park	14
Water Account	77
Water Extensions	34
Water Service, Gas, Light, etc.	80
Weather	7
Wild Flower Gardens	8
Zoo, St. George's Island	11, 55, 80
Zoological Society, Amount Expended	56

PUBLIC PARKS, RECREATION GROUNDS, ETC.

Value of land \$ 2,262,244.25  
 Cost of Improvements, Operation, and Maintenance, 1913-1931; \$ 1,313,539.81  
 Revenue earned 1913-1931 \$224,299.08  
 Cost per capita (maintenance & improvements), 1931 - 94¢

Name of Park	Area	Location	Uses
<u>Public Parks &amp; Ornamental Areas</u>			
Souldice Park	100 acres.	6 miles west of city	Natural Park. Picnics
Richmond Park	80 "	26th Ave. & 30th St. W.	Undeveloped
St. George's Island	45 "	Island on Bow River, approached by bridge on 12th St. E. (S. side) and Memorial Drive (N. side)	Natural Park. Picnics, Playgrounds, Flower Gardens.
Mission Park	36 "	4th St. and 30th Ave. W.	Undeveloped.
Hillcrest Park		29th Ave. and 8th St. S.W.	Undeveloped.
Memorial Drive	30 "	N. bank of Bow River from Hillhurst Bridge to St. George's Island	Park Driveway.
Stanley Park	50 "	Stanley Park	Natural Park. Auto Camp
Riley Park	20 "	5th Ave. & 10th St. N.W.	Ornamental Park, Flower Gardens, Lawns, Cricket, Playgrounds, Pool.
Killarney Park	5.1 "	26th St. & 20th Ave. W.	Ornamental Park. Playground.
Crescent Park	15 "	2nd St. & 10th Ave. N.W.	Ornamental Park. Skating, Curling.
Millican Park	15 "	E. bank of Bow River in Millican Estate	Picnics, Natural Park, Playground, Pool, Undeveloped.
South Calgary Park	14.4 "	30th Ave. & 14th St. W.	Undeveloped.
Mt. Pleasant Park	9.6 "	1st St. and 14th Ave. N.E.	Ornamental.
Tuxedo Park	6.1 "	29th Ave. Centre St. N.	Ornamental, Playground, Baseball.
Cartier Park	4.1 "	Cartier Street	Undeveloped.
Elbow Boulevard Park	3.9 "	Elbow Boulevard	Ornamental.
S. Mt. Royal Park	3.65 "	Wolfe St. & Montcalm Crescent	Ornamental.
Memorial Park	4.42 "	12th Ave. & 2nd St. W.	Ornamental, Public Library, Cenotaph, War Memorials.
Rosevale Park	4.5 "	34th Ave. & 7A St. W.	Tennis, Playground, Rinks.
Sunalta Park	3 "	Sudbury Avenue	Ornamental
Cliff Park	3.1 "	Cliff St. & 24th Ave.	Undeveloped.
Triangle Park	2 "	Senlac St. & Shelborne Ave.	Ornamental.

PUBLIC PARKS, RECREATION GROUNDS, ETC., (CONT'D)

<u>Name of Park</u>	<u>Area</u>	<u>Location</u>	<u>Uses</u>
<u>Public Parks &amp; Ornamental Areas</u>			
Capitol Hill Park	2.7 acres	14th St. & 20th Ave. N.W.	Ornamental, Baseball.
Inglewood	6.2 "	9th Ave. & 20th St. E.	Undeveloped
Garden Crescent	1.6 "	Elbow Boulevard	Ornamental
Bankview Garden	.25 "	19th Ave. & 17th St. W.	Ornamental
Riverdale Avenue Plot	.25 "	Riverdale Ave.	Ornamental
Ward Garden	.25 "	17th Ave.W. & Superior Ave.	Ornamental
Talon Avenue Garden	.7 "	Talon Ave. & Carlton St.	Sunken Rock Garden
Carlton Park	.5 "	Carlton St. & Council Way	Undeveloped
Tompkins Gardens	.5 "	117th Ave. & 7th St. W.	Ornamental
Hillhurst Triangle	.03 "	13th St. & Gladstone Road N.W.	Ornamental
Hillhurst Bridge Approaches		10th St. & 4th Ave. W.	Ornamental
City Hall Gardens	.25 "	7th Ave. & 2nd St. E.	Ornamental
Langevin Bridge Approaches		4th St. E.	Ornamental
8th St. Intersections,		8th Street, Mt. Royal	Ornamental
<u>Playgrounds &amp; Recreation Areas</u>			
Shaganappi Park Golf Course	147.19 "	26th St. W.	Golf
Mewata Park	33 "	11th St. & 9th Ave. W.	Baseball, Football, Track, Playground, Skating, Hockey
Hillhurst Athletic Park	6.43 "	5th Ave. & 12th St. N.W.	Football, Lacrosse, Skating, Hockey
Rotary Recreation Ground	8.35 "	7th Ave. 1st St. N.E.	Playground, Skating, Hockey, Baseball.
Manchester Football Ground and Rink	6.43 "	Manchester	Football, Skating.
Ogden Park	4.7 "	Ogden	Track, Playground, Football, Baseball, Tennis.
Sunalta Tennis Courts	3 "	Sharon Ave. & 16th St.W.	Tennis
Parkhill Football Ground	3 "	38th Ave. & 1A St. S.E.	Football
Valleyfield Recreation Ground	2.8 "	Valleyfield	Undeveloped
Ramsey Playground	3.6 "	Burns Ave. and Ramsey St.	Undeveloped

PUBLIC PARKS, RECREATION GROUNDS, ETC., (CONT'D)

<u>Name of Park</u>	<u>Area,</u>	<u>Location</u>	<u>Uses</u>
Bankview Playground	3 acres	23rd Ave. & 16A St. W.	Undeveloped
Inglewood Playground	1.1 "	24th Ave. & 17th St. E.	Undeveloped
Elbow River Swimming Pool Grounds	1.3 "	Elbow Boulevard	Swimming
Sunnyside Playground	1.1 "	3rd Ave. & 5½ St. N.W.	Undeveloped
16th Ave. Playground	1.2 "	16th Ave. & 11th St. W.	Hockey, Lawn Bowling
Bridgeland Playground	.8 "	4th Ave. & 9A St. N.E.	Hockey, etc.
Balmoral Playground	.45 "	22nd Ave. & 2nd St. N.W.	Undeveloped
Cliff Street Playground	.3 "	24th Ave. and Cliff St.	Hockey, etc.
Riverside Playground	.4 "	2nd Ave. & 8th St. S.E.	Undeveloped
St. Stephens Playground	.7 "	14th Ave. & 11th St. W.	Skating, etc.
Victoria Playground	.4 "	17th Ave. & 3rd St. E.	Skating, etc.
Roxboro Playground	.5 "	30th Ave. & 1A St. W.	Skating, etc.
Alexandra Rink		9th Ave. & 11th St. E.	Hockey
Bow Valley Rink			Skating
Bankview Rink	.7 "	23rd Ave. & 16A St. W.	Skating
Elbow River Rinks		From 25th Ave. Bridge to Glenmore Dam	Skating
Parkhill Rink		1st St. & 37th Ave. S.E.	Hockey, Skating
Earl Grey Rink		Prospect Ave. & 10th St. W.	Skating
Mt. Royal Rink		Colbourne Crescent & 14th St. W.	Skating
<u>Miscellaneous Areas</u>			
Union Cemetery	48.68 "	25th Ave. & 2nd St. E.	
Burnsland Cemetery	30.05 "	McLeod Trail	
Queens Park Cemetery Site	153 "	4th St. & 32nd Ave. N.W.	
Parking Strips	77.2 miles	Throughout City	
Bowness Park	80 acres	8 miles west of city	Operated as an amusement Park by Street Railway Dept.
Victoria Park	103.5 "	2nd St. E. & 17th Ave.	Exhibition Grounds, operated by Calgary Industrial Co.
Reservoir Park		34th Ave. & 24th St. S.W.	Controlled by Municipal Water Works Department

C I T Y   O F   C A L G A R Y

-- PARKS DEPARTMENT --

- ANNUAL REPORT -

1 9 3 1

To His Worship the Mayor, Commissioner, and Council.

Gentlemen:

Herewith I beg to submit my annual report of the activities of the Department for the year 1931.

The past year has seen greater progress in the development of our park areas than ever before, and the maintenance of the previously developed areas has been of a higher standard than at any time in the history of the Department, due to the almost unlimited amount of labor that was available. Whilst progress cannot but give rise to a feeling of great satisfaction to those in charge of any public work, yet this feeling is tinged in this case with regret that it was made possible through the misfortunes of others, for this high standard of achievement was made possible only because of the large army of men who were working on relief.

Weather

Weather conditions during the year were far from favorable. The winter weather of 1930-31 was dry and open with unusually high temperatures and many chinooks. Such weather, excellent though it is for making progress with seasonal work, such as pruning, etc. is in itself most unfavorable for vegetation in these altitudes. Succeeding, as it did, a very dry summer, it proved most disastrous to plant life last year, trees and shrubs being killed back more than for many years past.

The whole season of 1931--spring, summer, and autumn--was exceedingly dry, Calgary having the unenviable distinction of being the district with the lowest recorded precipitation of any point in the Dominion, the total for the year being only 13 inches. Whilst the drought could be counteracted in parks where there was an adequate water supply, partly because of the large amount of relief labor available, those in which no sprinkling system had been installed suffered badly. The fairways at the Municipal Golf Course in particular were in an exceedingly poor condition towards the close of the season, and the grass on newly seeded boulevards and other areas where water was not available failed to germinate. This winter there has been more snowfall than for some years past, and it is hoped that this may be a precursor of greater precipitation during the coming summer.

Additions to Park System

The following areas have been added to those previously under the control of the department:--6.34 acres in Manchester Subdivision for a football field and skating rink; 3 acres for a similar purpose in Parkhill; a plot .7 of an acre, on Tallon Avenue, which was developed as a sunken rock garden; an area for a rink on



Additions to Park System (Cont'd)

14th Street and 23rd Avenue Mount Royal; an area for a similar purpose on Bowness Road; and two in Bankview; 80 acres of prairie land on Richmond Road for future development; and 2.8 acres at Valleyfield for recreation purposes. The park at Ogden was extended so that it now comprises 4.7 acres.

Suggested Additional Features.

In the interests of educational, experimental, and demonstration work and also with a view to preserving native flora, many park systems are now developing arboretums and wild flower gardens. Possibly in no part of the continent would such features be as useful as here and they would add immensely to the interest of our system; be of much educational value; and could be developed at small cost. The difficulty at the present time is the finding of a suitable site for such a development. It might be possible to utilize portions of the Union Cemetery eventually, the only objection being the possible prejudice there might be in the minds of some people against the use of this area for such a purpose.

Bridle Trails

Some slight amount of grading and clearing was done on an old trail extending through Elboya and Britannia, the purpose in so doing being to encourage the use of this as a bridle path; which, it is hoped may be considerably extended in the near future.

Floriculture

The floral displays in the several parks were excellent notwithstanding hot dry weather conditions and much wind, the spring bulbs (tulips and narcissus) roses and gladioli being the outstanding features.

The following is a summary of material used:-

<u>Location</u>	<u>Perennials</u>	<u>Annuals</u>	<u>Bulbs</u>
St. George's Island Park	461	6955	1640
Riley Park	2184	10408	
Crescent Park	559		
Mount Pleasant Park		4702	
Memorial Park	388	20176	4180
Elbow Boulevard Park	494	5601	
City Hall Gardens		2144	1195
Tompkins Gardens		1888	
Golf Course	55		
Cemeteries	8786	33755	1559
Nurseries		1200	88
Miscellaneous	937	1152	
Sold	473		28
	<u>14337</u>	<u>87981</u>	<u>8690</u>

Several packets of seeds recently collected in the remote alpine regions of Burmah and Tibet by the Frost Expedition and quite new to horticulture were kindly sent to us to test in this climate by Mr. Ingwersen of Sussex, England. Fifteen packets of seeds were also received from Lady Byng.

Floriculture (Cont'd)

A large quantity of surplus seeds of our own collecting were sent to the Dominion Government Land Settlement Branch for distribution amongst new settlers.

Arboriculture

In addition to the routine work of tree and shrub maintenance a large number of trees have been removed for various reasons; but chiefly because of trouble from roots in sewers.

Planting was done as follows:-

Location	Trees	Shrubs	Vines
St. George's Island Park	81	436	
Crescent Park		1155	
Mount Pleasant Park	262	315	
Memorial Park	3	66	
Capitol Hill Park	60	160	
Golf Course	160	83	
South Mount Royal Park	77	192	
Tompkins Gardens	6		
Elbow Boulevard Park	70	77	
Mowata Park		50	
Hillhurst Park	5	16	
Boulevards	1473	1167	
Cemeteries	403	1323	11
Nurseries	2719	530	31
Miscellaneous	120	294	
Sold	48	1292	4
	<u>5426</u>	<u>7156</u>	<u>46</u>

The following is a record of work done on trees & shrubs:-

Location	Trees Surgically Treated	Trees Pruned	Trees Headed Back	Trees Transplanted	Trees Destroyed for Cause	Shrubs Pruned	Shrubs Transplanted
Riley Park		2297		150		3052	
Crescent Park		1224		28		1769	m33
Mount Pleasant Park		159				264	
Killarney Park		141					
Glencoe Park		192				276	
Tuxedo Park		212				92	
South Mount Royal Park		18					
Tompkins Park		41		7		78	
Capitol Hill Park		240				266	
Garden Crescent		85				75	
Sunalta Park		53					

	Trees Surgically Treated	Trees Pruned	Trees Headed Back	Trees Transplanted	Trees Destroyed for Cause	Shrubs Pruned	Shrubs Transplanted
Triangle Park		90					
Elbow Boulevard Park		136				421	
Elbow Swimming Pool Grounds		135				332	
Bankview Gardens		54				158	
Sundry Plots		22				230	
Mewata Park		480				514	
Boulevards	1579	8576	540		37		416
Burnsland Cemetery		1018				1374	
Union Cemetery		5748		16	38	3748	30
	1579	20931	540	201	75	12649	479

Note

The transplanting of trees and shrubs in the parks as shown above was necessitated by overcrowding. In most cases these trees and shrubs were transplanted to other areas in the same locality. The term "surgically treated" used above refers to the cleaning and dressing of wounds and cuts on trees.

The heading back of trees on the boulevards was necessitated mainly because of coming into contact with overhead wires and in many cases unfortunately necessitated bad mutilation and disfigurement.

Trees destroyed include those in parks that were overcrowded and too large to transplant, and those on boulevards that were dangerously obstructing vision at intersections, and those whose roots were blocking sewers.

ST. GEORGE'S ISLAND PARK

The floral display on the Island was exceptionally good, and the roses in the four new beds gave a quite remarkable display for newly planted stock, the gladioli interspersed in these beds maintaining a display of color till destroyed by frost. The large newly planted peony bed made good progress and should be very effective next year.

Three additional flower beds were prepared last fall intention being to gradually extend the floral display in this park over those areas which cannot be used for sports, also excluding, of course, those areas where the natural woodland and shrubbery has been preserved and where such development would be incongruous.

A group of coniferous trees and shrubs was planted as a screen in front of the animal pens.

The driveways were scarified, patched with crushed rock, and treated with calcium chloride twice.

### ST. GEORGE'S ISLAND PARK (CONT'D)

Lawns were in splendid condition as a result of fertilizing where water could be applied, but in those areas that were beyond the reach of water the grass was completely destroyed.

The water service was improved by substituting a  $1\frac{1}{2}$  in. service pipe for the 1 in. that extended from the main entrance to the parking ground.

Due to much assistance from relief workers it was possible to give the Island a thorough cleaning, all dead wood and debris being removed from woodlands and shrubbery. A path on the river bank was constructed around part of the shores and it is intended to extend this path during the coming year to completely encircle the Island.

Notwithstanding a considerable extension of the parking area last year there was considerable congestion of cars all the season and this question of parking is one of the most difficult problems we are faced with.

The St. John's Ambulance Corp was in regular attendance on Sundays and holidays and did much useful work. A large number of cases received first aid treatment. The nature of the injuries varied from cuts, lacerations, and bruises, to broken collar bones, and included a fractured nose, heatstrokes, and fainting.

### ZOO

The expenditure made by the Department on the Zoo was \$2,225.31, mainly for caretakers salary, and food. This was in addition to the \$800.00 grant made to the Zoological Society and which, together with other funds raised by the Society was expended on improvements, extensions, and new specimens. In addition a considerable number of men working on relief have been employed at the Zoo throughout the year.

The Zoo Caretaker reports as follows:- "The following statements indicate that great progress has been made during the year. An increase of from 66 varieties (293 specimens) to 129 varieties (445 specimens) shows the progress made.

"Stray dogs and cats are a problem and any effort we could make to have dogs kept on a lead would be helpful.

"A certain amount of feeding of wild birds has been done but here again cats are a problem.

"A complaint re noises by coyotes at night was received. Cars on the Island at night tend to aggravate this trouble.

"With regard to the smell from the bears I believe resurfacing of the floors of their dens would eliminate this trouble to a great extent.

"The health of all specimens was very good, there was no sign of any disease throughout the year, despite cramped quarters and far from elaborate feeding.

"The work entailed is now very great, the frequent arrival of new specimens and the lack of large buildings causing extra work and worry. The acclimatizing of new specimens is a big task in itself. As a rule I have 80 sections to feed, water, and clean out, the watering being a big item in fall and spring. Answering questions, contact with visitors, and the numerous jobs around the pens also absorb much time. Another task is the collecting of donated food-stuffs.

ST. GEORGE'S ISLAND PARK (CONT'D)

"Large crowds have attended the zoo throughout the year, even in the coldest days of winter, and large numbers of tourists visited us during the summer season."

Aquisitions

By Natural Increase:-

<u>No.</u>	<u>Kind</u>
3	Canada geese
1	Bronze-winged pigeon
6	Mongolian pheasants
2	Raccoons

<u>No.</u>	<u>Kind</u>
1	Mountain Sheep
3	Grey Foxes
10	Valley Quail
7	Wild Turkeys

Specimens Donated:⊖

<u>No.</u>	<u>Kind</u>	<u>Donor</u>
1	Buffcockin bantam	McKenzie Bros., Calgary.
3	Bantams	Miss Lonsberry, Lethbridge.
1	Canary mule	Mr. Pritchard, Calgary.
5	Canaries	Mr. E. Paddon, Calgary.
2	Canaries	Mr. Black, Calgary.
2	Canaries	Mr. Wells, Calgary.
1	Canary	Mr. Patterson, Calgary.
3	Crows	Caught by Caretaker.
1	Evening grosbeak	Mr. Johnstone, Calgary.
1	Prairie chicken	Mr. Willumsen, Calgary.
2	Mandarin ducks	Mr. T. Lipsett, Calgary.
2	Red head ducks	Bendick Bros., Leduc.
2	Canvas-backed ducks	Bendick Bros., Leduc.
2	Golden eye ducks	Edmonton Zoo.
2	Rouen eye ducks	Mrs. Van Ostron, Calgary.
2	Pearl neck doves	San Diego Zoo.
2	Diamond doves	San Diego Zoo.
2	Mourning doves	Edmonton Zoo.
2	White guinea fowl	Mr. Elliott, Irricana.
1	Ruffed grouse	Caught by Caretaker.
2	Ruffed grouse	Bendick Bros., Leduc.
1	Blue grouse	Mr. Nicholls
1	Egyptian goose	Bendick Bros., Leduc.
1	Blue goose	Bendick Bros., Leduc.
1	Barnacle Snow goose	Bendick Bros., Leduc.
1	Rough legged hawk	Mr. Hunt, Calgary.
1	Snowy owl	Bendick Bros., Leduc.
2	Pigeons	Miss Lonsberry, Lethbridge.
3	Pigeons	Mr. G. Corn, Calgary.
2	Guinea pigeons	San Diego Zoo.
4	Jacobin pigeons	Mr. Herbert, London, England.
1	Parakeet	Dr. Patrick, Calgary.
1	Parakeet	Mr. T. Richards, Calgary.
2	Panama parrots	San Diego Zoo.
1	Parrot	Mr. Crist, Calgary
1	Ringneck pheasant	Mr. Goddard, Calgary.
2	Peacock pheasants	Mr. F. E. Osborne, Calgary.
2	Swinhaw pheasants	Mr. J. Flores, Stockton, California.
2	Melanotus pheasants	Miss Baines

ST. GEORGE'S ISLAND PARK (CONT'D)

Acquisitions

By Donation:-

<u>No.</u>	<u>Kind</u>	<u>Donor</u>
2	Versicolor Pheasants	Kellogg Bird Sanatory.
2	Versicolor hybrids	Kellogg Bird Sanatory.
2	Black backed pheasants	Kellogg Bird Sanatory.
1	Horned lark	Dr. Patrick, Calgary.
1	Bronze grackaa	Mr. Willumsen, Calgary.
2	Polish cockerels	Mrs. McHigh, DeWinton.
2	Black winged peafowl	Kellogg Bird Sanctuary.
1	Ground squirrel	Mrs. Fleming, Calgary.
2	Ground squirrel	Mr. Wilson, Calgary.
4	Striped gophers	Mr. Egina, Calgary.
1	Black gopher	Mr. Silver, Champion.
2	Agouti	Toronto Parks Dept.
2	African Porcupine	Toronto Parks Dept.
1	Black Porcupine	Calgary Parks Dept.
2	Bob-cats	San Diego Zoo
1	Coyote	Mr. Nelson, Dalemead.
4	Dog coyote hybrids	Mr. Nelson, Dalemead.
2	Mink	Seeger Berger, Nanton.
2	Black bears	Mr. Elsworth, Calgary.
1	Jack rabbit	Mr. Carey, Forrest Lawn.
4	Coati mundi	San Diego Zoo.
2	Ring tail monkeys	San Diego Zoo.
2	Grey foxes	San Diego Zoo.
1	Rocky Mountain Goat	Banff National Park
1	Black woodchuck	Judge Gray, Stettler.
1	White-lipped Scocary	Victoria Parks Dept.
2	White rats	Jack Chambers, Calgary.
1	Hungarian Partridge	Dr. Patrick, Calgary.
1	Hungarian Partridge	Mr. Willumsen, Calgary.
1	Hungarian Partridge	Mr. Fred Scott, Calgary.
1	Hungarian Partridge	Dr. Patrick, Calgary.
2	Royal Mute Swans	Bendick Bros., Leduc.
2	Silver pheasants	Toronto Parks Dept.
2	Golden pheasants	Toronto Parks Dept.
1	Black squirrel	Toronto Parks Dept.
1	Black Squirrel	Edmonton Zoo

By Purchase

<u>No.</u>	<u>Kind</u>	<u>Purchased from</u>	<u>Cost</u>
1	Bantams		
2	Red Fox squirrels	N. Tippman, Caledonia, Minn.	\$11.00
2	Great grey squirrels	N. Tippman, Caledonia, Minn.	15.00
2	Skunks	N. Tippman, Caledonia, Minn.	16.00
2	Ringtail cats	Mexican Bird Co., Laredo	20.00
3	Kangaroo rats	Mexican Bird Co., Laredo	5.00
3	Prairie dogs	Mexican Bird Co., Laredo	9.00
2	Pack rats	Mr. Stewart, Golden, B.C.	7.00
2	Opossum	N. Tippman, Caledonia, Minn.	12.00

ST. GEORGE'S ISLAND PARK (CONT'D)

Losses:-

Dispositions

<u>No.</u>	<u>Kind</u>	<u>How Lost</u>
2	Muscovy ducks	Stolen.
1	White crested duck	Killed by raccoon
1	White call duck	Killed by raccoon
1	Egyptian goose	Killed by raccoon
2	Guinea fowl	Killed by raccoon
3	Bantams	Killed by Raccoon
4	Valley quail	Killed against wire.
1	Copperneck dove	Killed against wire.
1	Pearl neck dove	Unknown.
1	Ruffed grouse	Unknown.
1	Cockatoo	Unknown.
1	Golden pheasant	Unknown.
1	Pigeon hawk	Unknown.
1	Wolf	Goitre.
1	Red pine squirrel	Eaten by mate.
1	Black tail deer	Old age.
1	White fallow deer buck	Old age.
2	Bob-cats	Unknown.
1	Bell's Terrapin	Died in hibernation.
1	Canada goose	Cold.
2	Coyote-dog hybrids	Destroyed at request of Dr. Patrick on complaint of Ratepayers Assn.
1	Snowy owl	Destroyed as being an unsuitable exhibit
1	Parakeet	Destroyed as being an unsuitable exhibit

Specimens Donated from Calgary Zoo:-

<u>No.</u>	<u>Kind</u>	<u>Donated to</u>
2	Colored Muscovy ducks	Bendick Bros., Leduc.
1	Hybrid duck	Bendick Bros., Leduc.
1	Peahen	Bendick Bros., Leduc.
1	Peahen	Edmonton Zoo.
1	Snowy Owl	San Diego Zoo.
1	Swainson hawk	San Diego Zoo.
1	Rough legged hawk	San Diego Zoo.
1	Whistling swan	Bendick Bros., Leduc.
6	Valley quail	Bendick Bros., Leduc.
1	Black bear cub	Whitewas Fur Farms, Rockford, Ill.
2	Grey foxes	Bant's Zoo.
2	Muscovy ducks	Edmonton Zoo
2	Magpie pigeons	Edmonton Zoo
1	Hybrid duck	Mr. McGowan, Calgary.
4	Muscovy ducks	Messrs. Marriott & MacMillan, Calgary.
1	Turkey hen	Mrs. Clifford, Calgary.
2	Black bear cubs	Mrs. Elliott, Irricana

ST. GEORGE'S ISLAND PARK (CONT'D)

Dispositions

By S	No.	Kind	Sold to	Value
	2	Ring doves	Mr. Willumsen, Calgary	\$ 5.00
	2	Ring Doves	Mr. Bielshe, Hillcrest	5.00
	3	Rouen doves	Mr. Mould, Sarcedale	5.00
	4	Muscovy doves	Mr. Johnston, Langdon	10.00

Specimens at Zoo, December 31, 1931

No.	Kind	Value	No.	Kind	Value
1	Mountain goat	\$ 100.00	2	Wild turkeys	150.00
3	Mountain sheep	300.00	5	Golden pheasants	50.00
1	White fallow deer	80.00	5	Silver pheasants	50.00
2	Mule deer	100.00	2	Lady Amherst pheasants	25.00
2	Black bears		2	Reeve pheasants	40.00
	(1 brown phase		2	Ringneck pheasants	15.00
	1 cinnamon phase	100.00	12	Mongolian pheasants	60.00
2	Black bears	100.00	2	Black Banded Kalege pheasants	50.00
1	Timber wolf	50.00	2	Swinhow pheasants	70.00
2	Coyotes	25.00	2	Melanotus	65.00
3	Grey foxes	50.00	2	Versicolor	50.00
2	Coyote hybrids	20.00	2	Versicolor Hybrids	15.00
1	Badger	10.00	2	Peacock pheasants	90.00
3	Skunks	15.00	2	Peacock pheasants	90.00
4	Raccoons	40.00	14	Valley quail	95.00
4	Coati mundi	80.00	2	Black-winged peafowl	100.00
1	Opossum	5.00	4	Hungarian partridges	20.00
2	Ringtail monkeys	50.00	1	Blue grouse	10.00
2	Muskrats	2.00	2	Ruffed grouse	20.00
2	Minks	20.00	1	Prairie chicken	5.00
2	Woodchucks	5.00	11	Ring doves	25.00
2	Black woodchucks	10.00	2	Diamond doves	20.00
3	Ground squirrels	5.00	2	Copperneck doves	20.00
2	Black squirrels	25.00	2	Mourning doves	10.00
1	Red pine squirrel	5.00	1	Pearl-neck doves	10.00
2	Red fox squirrels	10.00	3	Bronze-winged pigeons	60.00
2	Great grey squirrels	10.00	2	Guinea pigeons	20.00
4	Mountain gophers	5.00	4	Jacobin pigeons	100.00
2	Packrats	5.00	2	Owl pigeons	5.00
2	White gophers	2.00	2	Carrier pigeons	10.00
2	Black gophers	2.00	2	Mondaine pigeons	10.00
3	Kangaroo rats	5.00	9	Tumbler pigeons	30.00
3	Prairie dogs	6.00	15	Fantail pigeons	30.00
4	Striped gophers	5.00	7	Magpie	20.00
2	Ringtail cats	40.00	50	Common	50.00
2	Rat kangaroos	40.00	2	Swainson hawks	2.00
5	Porcupines	5.00	1	Rough legged hawk	1.00
2	African porcupines	100.00	2	Red tail hawks	1.00
1	Black porcupine	5.00	1	Crow	1.00
2	Agouti	50.00	5	Magpies	2.00
10	Guinea pigs	5.00	1	Golden eagle	20.00
5	White rats	5.00	7	Great horned owls	7.00
5	Rabbits	5.00	1	Night heron	15.00
1	Peccary	30.00	4	Pearl guinea fowl	5.00



ST. GEORGE'S ISLAND PARK (CONT'D)

No.	Kind	Value	No.	Kind	Value
2	White guinea fowl	10.00	3	White call ducks	10.00
2	Polish fowl cockerels	5.00	2	White crested ducks	10.00
2	Yokohama fowl	25.00	2	Hybrid ducks	2.00
2	Silki bantams	5.00	10	Mallard ducks	25.00
30	Bantams	30.00	2	Lesser scaup ducks	10.00
1	Cookatoo	25.00	4	Gadwall ducks	10.00
3	Parrots	100.00	4	Pintail ducks	10.00
2	Juncos	2.00	2	Spoonbill ducks	10.00
2	White crowned sparrows	2.00	1	Green winged teal	5.00
4	Redpolls	4.00	4	Blue winged teal	12.00
4	American goldfinches	4.00	2	Redhead ducks	20.00
4	Canary mules	4.00	2	Wood ducks	20.00
1	Linnet	1.00	2	Mandarin ducks	25.00
33	Canaries	33.00	2	Golden eye ducks	20.00
2	Parakeets	10.00	2	Rouen ducks	10.00
1	Pine siskin	1.00	4	Widgeon ducks	10.00
2	Evening grosbeaks	2.00	8	Canada geese	120.00
1	Horned lark	1.00	1	Hutchin's goose	20.00
1	Bronze grackle	1.00	1	Blue goose	50.00
2	Royal mute swans	85.00	1	Snow goose	40.00
4	Black muscovy ducks	10.00	1	Snow Barnacle goose	10.00
4	White muscovy ducks	10.00			

Foodstuffs Donated

Quantity	Kind	Value	Donor
1720 lbs.	Meat	\$ 51.60	Dr. Whiteoak, Calgary.
500 "	"	15.00	Mr. Reed, Calgary.
700 "	"	21.00	Dr. Whiteoak, Calgary.
150 "	"	4.50	Picardy Stores
1480 "	"	44.40	Dr. Whiteoak, Calgary.
500 "	"	15.00	Mr. E. Lofelace
3380 "	"	101.40	Dr. Whiteoak.
380 "	Fish	19.00	People's Market
1047 "	Fruit & Vatables	14.60	Hi Wo Company Ltd.
2400 "	" " "	27.00	Mr. W.R.Reader.
210 "	" " "	5.00	Mr. T. Baines
1650 "	" " "	31.00	Various Visitors
3345 "	Bread	133.80	" "
4800 "	Oake	192.00	Picardy Stores
267 qts.	Milk	26.70	Union Milk Co.
720 "	Skim milk	1.80	Union Milk Co.
3000 lbs.	Straw	15.00	City Parks Dept.
4000 lbs.	Screenings	20.00	Purity Flour Mills
2000 lbs.	Bean	12.00	Robin Hood Mills

Foodstuffs Purchased

Quantity	Kind	Cost	Quantity	Kind	Cost
137 qts.	Parrot food	\$ 22.14	100 lbs.	Corn	\$ 2.20
44 "	Bird seed	14.96	100 lbs.	Oat meal	2.35
190 lbs.	Bird seed	27.64	200 lbs.	Middlings	2.20
8 bales	Prairie Hay	7.40	100 lbs.	Bran	.85
11 "	Alfalfa	12.00	100 lbs.	Chick feed	2.00
2 "	Straw	1.00	6000 lbs.	Wheat	69.80
1 blk.	Salt	.88	100 lbs.	Barley	1.00
1 sack	Cornmeal	2.69	300 lbs.	Oats	2.70
1 ton	Oat bundles	12.87	2277 lbs.	Bread	92.55
67 lbs.	Hazel nuts	12.88	2148 lbs.	Meat	74.11

IMPROVEMENTS AND EXTENSIONS 1931

ITEM	MATERIAL		LABOR		VALUE OF CITY		ESTIMATED TOTAL COST
	Purchased	Donated	(Estimated Paid	Value) Donated	RELI EF (Estimated Labor	Value)	
Deer Paddocks, alterations & extensions	125.00	158.00		20.00	35.00		338.50
Duck Paddocks, ponds & sewer connections for same	89.75	20.00	14.60	30.00	30.00		184.35
13 Rodent Pens & Houses (10'x4'x6') each	139.40	75.00	14.00	50.00			278.40
Winter Quarters	35.00	12.00		11.00	12.00		70.00
4 Wolf & Coyote pens (20'x15'x6') each	227.00			35.00	7.50		269.50
4 Raccoon, Cat, & Monkey Pens (10'x10'x10') each	209.00	20.00	14.00	35.00	6.25		284.75
Pecary Pen	10.00				10.00		20.00
Peacock Pen (1/4 acre) and Improvements to House	87.00	118.25	11.50	15.00	40.00		271.75
Water System, Improvements and Extensions	100.00	3.00	19.00	20.00	21.00		167.00
Green Feed Frames	8.00			5.00			13.00
Meat Storage Bldg. (16'x12')	30.00	7.00	30.00	5.00			72.00
"Free Lunch Counter" (Wild Birds)	3.00				2.50		5.50
Rustic Fencing	35.00	40.00		10.00	30.00		115.00
Painting	10.50	21.00		5.00	10.00		46.50
Disinfecting Grounds, Sanding, Levelling, Filling, Moving and Demolishing	7.00		2.00	10.00	35.00		54.00
Rock Shelters for Sheep	4.50		24.00	20.00	50.00		98.50
Roofing & repairs to 8 Rodent Pens	10.00		8.00				18.00
Roofing between Pheasant Pens	3.00				8.00		11.00
Pump and Gas Engine for Winter Water Supply		200.00		8.00			208.00
<b>Totals</b>	<b>1133.65</b>	<b>678.25</b>	<b>137.60</b>	<b>279.00</b>	<b>297.25</b>		<b>2525.75</b>

### RILEY PARK

Never, previously, had it been possible to keep this park in such neat condition as during 1931 owing to the large amount of relief help available. The borders and beds were repeatedly cultivated so that scarcely a weed was to be seen all season.

A large number of seedling herbaceous perennials were planted, and these should prove very effective in the coming season.

The rockery is now well furnished with plants, and is proving by far the most interesting feature to most of those who visit the park.

The driveway was completely gravelled, the low portions first being filled in with subsoil removed from pool. We were fortunate in being able to secure very suitable gravel for surfacing with the result that this driveway is in better condition than ever before, and should last for some years. All paths should receive the same treatment during the coming year.

The pool has at last been concreted, the most easterly portion being first deepened to form a swimming pool, the central portion as a shallow wading pool for small children, the west end being retained in its original condition, to be developed as an aquatic garden.

### CRESCENT PARK

All the borders were thoroughly dug, trees and shrubs transplanted from positions where they were crowded to the more open parts of the borders, and 750 feet of Caragana hedge planted at entrances.

Two hundred and seventeen loads of soil removed in the course of boulevard construction in the district were used for grading in this park, and the central area, 7 acres in extent, ploughed and disced.

### SOUTH MOUNT ROYAL PARK

The old rink site was graded in to conform with the general contour of the park. 232 cu. yards of fertilizer spread and the whole area surfaced with 4 inches of loam, 3,975 cu. yards being used; 11,800 square feet of pathway graded in readiness for gravelling, and 71 trees and 192 shrubs planted.

### MOUNT PLEASANT PARK

2,700 square feet of new walk was graded, curbed, and surfaced with 8 yards of crushed brick. 17 loads of loam and 25 lbs. of grass seed was used in lawn improvement. The steps and walk leading up to this park from Centre Street were entirely remodelled and the grade reduced considerably by following a winding instead of direct course, thus, not only easing the grade considerably, but also improving the general appearance immensely. The banks on south and south-west sides were graded and covered with fertilizer. The cut bank on the west side was also topdressed, reseeded, and several thousand shrub cuttings planted on it.

### ELBOW BOULEVARD PARK

Three new Beds were made and planted with roses.  
The lawns were renovated where necessary.  
A foot-path was opened up along the river bank and steps constructed to give access to same.

### MEMORIAL PARK

There was but one Service held at the Cenotaph during the past year, that on November 11th, when about 6,000 people were in attendance.

The boulevard strip on 4th Street West, in front of the Cenotaph was remade.

The wooden curbing throughout the park was almost completely replaced. A quantity of crushed brick has been placed in the park in readiness for surfacing the paths in the spring.

Sixty caraganas were severely headed back in readiness for removal from the borders next planting season, to be replaced with choicer material. Nine of the big poplars were completely removed.

A new 8-foot driveway was paved in front of the Cenotaph. The area around the South African War Memorial was also paved.

### OGDEN PARK

With the exception of Mewata Park greater development has taken place on this park, in proportion to its size than on any other park area during the past year. Early in the year I was interviewed a number of times by the officials of the Ogden Community Club with regard to the possibility and desirability of planning the park in such a manner as to include a number of athletic features. Seeing no objection to the park being developed in this way I prepared a plan of the area including hockey and skating rink facilities, soccer, football, and baseball fields, quarter-mile running track, tennis courts, and childrens playground. This plan created tremendous enthusiasm, with the result that, through the cooperation of the Club and the C.P.R., together with the use of a large number of local men working on relief, considerable progress was made in the development of the plan, and this park has already developed into a most popular athletic centre, constituting one of the most outstanding improvements to recreation parks made in 1931, so that we now have in Ogden Park an area of 13 $\frac{1}{2}$  acres enclosed by a strong fence, and within this enclosure there is practically all that is desired for a recreation park, a quarter-mile race track, two baseball diamonds, one for the senior and one for the junior children, the senior diamond being 290 by 320 feet, a prepared site for a tennis court, and a properly enclosed hockey rink with a sheet of ice, 90 yards by 175 yards. Within the rink enclosure are dressing rooms and wash places for teams. The fans are not overlooked in-as-much as we have raised platforms for them to see the games. In addition to the above mentioned improvements about 500 treeholes have been dug within the fence line to form a border planting for the purpose of beautifying the park.

### SUNALTA PARK

The City having acquired the property adjoining this park and occupied by the Calgary Tennis Club, this Department took over jurisdiction early in the year. After due consideration it was decided that for the present it would be advisable to grant the request of that club and lease the property to them on an annual basis. Accordingly this was done, and, so far, the arrangement has worked very satisfactorily.

The extreme west corner of the property, which was not required by the club, was added to the outer area of the park by changing the location of the fence, and a new fence was extended to the extreme western end of that portion of the park. This was the only improvement effected with the exception of the painting of the clubhouse.

### CAPITOL HILL PARK

The borders were deeply dug in the springtime, and cultivated and watered as necessary throughout the season.

A new fence was erected on the south side of the park, and the border extended and planted the full length of this fence, 160 shrubs and 60 trees being used.

This park is becoming a very popular baseball centre for the district and the facilities provided are greatly appreciated by the community.

### ROSEVALE PARK

Thirteen loads of manure was used on the borders and all shrubbery weeded and cultivated during the season.

A new border 150 feet long by 10 feet wide was prepared for tree and shrub planting along the north side of the tennis courts.

Some levelling was done to the football ground and 150 cu. yards of fill was placed in the depression on the north side of the park.

### SUNDRY SMALL PLOTS

These include, besides those dealt with elsewhere, ornamental plots in Bankview, Upper Sunalta, Hillhurst, and Rosedale Crescent. These all received any attention that was required.

### TUXEDO PARK

A metered water service was installed by the Water Works Department.

### SOUTH CALGARY PARK

A strip 30 feet wide was ploughed, disked, and harrowed completely round the park and graded where necessary in readiness for planting.

Trails were fenced.

A large area near the east end was graded and soccer goal posts erected.

#### TALLEN AVENUE GARDEN

The sloping sides of this area were graded, loamed, and a rockery built, this rockery being extended here and there into the lower level, and the whole of the remaining area covered with four inches of loam, 652 cu. yards of loam and 30 loads of rock being used. The intention is to develop this plot into a sunken rock garden with lawn areas.

#### MISSION PARK

During the fall and winter of 1930-31 a new roadway was cut through from the lower to the higher level of this park this being actually an extension of 4th Street West and giving direct access to the residents of Park Hill to Mission Bridge. Considerable grading of the steep slopes and perpendicular faces of bare earth was also done, green brush and prunings of various kinds being buried as the work proceeded. Not only did this brush act as binding material but much of it grew, so that the disturbed areas have every appearance, at the present time, of becoming quickly afforested. As there was considerable complaint regarding dust blown from this area during windy periods, all of the bare surfaces were coated with strawy manure during the summer, and coarse grasses sown on this manure and by the end of the season, a fine verdure had developed.

#### BANKVIEW GARDEN

The trees and shrubbery in this small plot made very rapid progress last year.

#### TOMPKINS GARDENS

A water supply was installed.

#### TRIANGLE PARK

This park was surfaced with loam four inches deep, 1,086 cu. yards being used. Considerable grading preceded the spreading of this loam.

#### MILLICAN PARK

The dam and bridge was reconstructed, making bathing again possible during the summer months. A very fine rink was also provided for the community by levelling a piece of property in the vicinity of 57th Avenue and 16th Street East.

#### KILLARNEY PARK

Considerable levelling and some additional planting was done.

ISLANDS AT INTERSECTIONS  
8th STREET, MOUNT ROYAL

These had regular attention during the season.  
That on 20th Avenue from which the shrubbery was removed last year was planted with Aquilegias and these were most effective when in blossom.

OUT BANK, 34th AVENUE & 8th STREET WEST

This out bank was graded, the whole surface dug and sown with coarse grass seed.  
Trees and shrubs were planted at the bottom of the grade.

RIVERDALE AVENUE PLOT

This small shrubbery plot was manured, dug, and kept cultivated during the season.

ROYAL NORTH-WEST MOUNTED POLICE MEMORIAL

The fence here is in a very decayed condition and should be renovated.

GARDEN CRESCENT

Considerable heading back of big trees and thinning of shrubbery was done by request of residents.

BRIDGE APPROACHES

Considerable grading was done at the north-east corner of Hillhurst Bridge and the area surfaced with soil removed from boulevards in the vicinity. The approach to the old bridge on the north-west corner was excavated to a depth of nine inches in readiness for loaming and seeding.

CITY HALL GARDENS

A strong iron fence was erected to enclose the several plots and this proved most effective, the floral display being very much better than for some years past due to the fact that it was protected from the depredations of children and dogs.

During the fall the sod was stripped and 100 loads of soil removed for the purpose of completely lowering the lawn. Previously it was much too high and therefore very difficult to keep irrigated. A further benefit that will result from this work will be the elimination to some extent of dandelions. Re-sodding will be undertaken next spring.

## ELBOW PARK SWIMMING POOL GROUNDS

Borders were manured and lawns renovated.

Much needed comfort stations were constructed at the rear of the dressing rooms.

A most delightful walk was opened up through the trees and shrubbery on the river bank extending from this plot to the vicinity of 5th Street West.

The popularity of this area, both for swimming in summer and skating in winter, is constantly increasing.

## MUNICIPAL GOLF COURSE

Due to the remarkably mild dry winter of 1930-31 the course was in use almost every day, and 250 persons played over it on January 31st.

The course again practically broke even as regards expenditure and revenue, the total cost of maintenance etc. being \$9,080.39, and the total receipts \$9,701.75.

Games played.....	16,021
Average daily attendance.....	73
Largest attendance in one day.....	347
Days course used.....	221

### Tees

Six new coconut mats were laid. All old mats that were not completely worn out were used to replace other tee mats and the mats on all tees that were not replaced were lifted and relaid. An entirely new style of rubber mat was introduced and placed on Numbers 1 and 10 tees, this is the first occasion on which this style of mat has been used on a Golf Course, and so far has proved entirely satisfactory. The particular advantage is its great durability.

216 feet of creosoted 2'x 4' was used for cribbing on tees, the area around tees were filled in with clay and surfaced with crushed brick.

Starters' stand and seats were moved to the back of the practice green away from Number 1 tee, to eliminate congestion. Club rack and other equipment was painted.

### Fairways

All loose stones were gathered from the entire area of the course, 18 loads of rocks and refuse being removed. Fairway posts were reset so that players could not remove them. The fairways were kept regularly mowed and the rough was cut once or twice during the season to speed up play. 150 yards, 70 yards wide, on each of fairways 3, 4, 6, 9, and 18, were spread with decayed manure as a top dressing which was floated and harrowed in.

The fairways on the new land were kept regularly cut during the season and all woods on this part of the course were cut, raked up and burned.



## MUNICIPAL GOLF COURSE (CONT'D)

### Greens

The entire body of the oiled sand on greens was lifted, screened, and relaid twice during the season.

The greens were resurfaced twice during the season and renovated with oiled sand weekly. The edges of all greens were cut and trimmed.

New flags and mats with iron handles were made for all greens.

### Bunkers

Turf was cut around bunkers and traps. The sod being used to fill in ditch on Number 1 fairway.

### Roads

The main road to the Clubhouse was graded and levelled. This was a very necessary improvement and now makes access to the course possible in any kind of weather.

The parking space was filled in, the refuse removed from course being used for this purpose. This was coated with clay taken out of the basement, followed by a 1 inch surface of crushed rock, and finished with the oiled sand removed from greens. This formed an excellent asphalt surface. This parking space is now raised above the surrounding level and therefore quickly dries after rains instead of being converted into a quagmire as was the case previously.

738 lineal feet of cedar poles were placed on posts 12 inches above the surface of the ground to serve as bumpers for cars.

### Clubhouse

The kitchen was enlarged to twice its former size by removal of partition. Wherever necessary the interior walls were renovated with plaster board and all walls were cleaned and kalsomined. The old dugout was enlarged considerably and lined with cement walls, thus converting it into a regular basement suitable for the storage of food and other supplies. A new entrance to the basement from the porch with properly constructed steps was made. The hot water tank and gas stove was removed to the basement and hot and cold water services installed there.

### New Course

Eight greens were cut out and the material removed was used together with other refuse to form a dam across the hollow on Number 5 fairway, the intention being to eventually make this a water hazard.

### General

1,000 holes were dug in various parts of the old and new courses in readiness for the planting of trees and shrubs next spring. The ground around the trees and shrubs east of Number 1 green was dug, the sod being removed, the groups at the back of bunkers on 11 and 18 being similarly treated. It is now possible to keep these plots regularly cultivated and no doubt growth will be greatly advanced as a result. The ditch on Number 1 fairway and various other areas on the course were disked, harrowed, and sown with grass seed.

## MUNICIPAL GOLF COURSE (CONT'D)

A two inch water service was laid below frost line from the main on 11th Avenue to the Clubhouse, thus providing a year round water supply. A hydrant was installed for fire protection and the necessary equipment for fire fighting was provided in close vicinity to this hydrant. This change of water service made 400 feet of one inch pipe (the original service line) available for other purposes. Advantage was taken during the installation of the new service line to install taps for irrigation purposes on the course.

All fences were repaired wherever necessary and new mats furnished.

Flag pole, seats, and other equipment was re-painted. A constant warfare was waged on gophers by poisoning.

## MEWATA PARK

Very considerable levelling was done on the area west of the new Stadium and south of the Armouries. A large quantity of gravel was removed from this plot and replaced with approximately 1,500 cu. yards of loam.

A fence was erected on the north side.

A shrubbery has already been planted along the north and east sides, it is intended to develop a flower border along the south side next season. This plot 400 by 120 feet in extent will then be available for use for tennis or lawn bowling as may later be determined.

The old football ground west of the Stadium which has never been very satisfactory, due to the fact that coarse gravel and boulders are constantly working through the surface, was graded to a true level, all stones near the surface being removed in the process. It is intended to surface this with nine inches or a foot of loam, after which it should be in first class condition for use as an athletic field. The area improved was 2.3 acres in extent and 65 loads of rocks were removed. The levelling of this area also effected a considerable improvement as far as rink construction was concerned.

During the early part of the year 35 loads of fertilizer were spread on the lawns, the fence was repaired its full length along the banks of the river and the fence on the east side was equipped with new ornamental gates.

## Mowata Stadium

What might be considered the greatest development of the Parks Department took place during 1931. A grandstand 200 feet by 54 feet with seating capacity for 2,000 people, and with dressing room and office accomodation beneath, together with showers, comfort stations, store rooms, and other necessary facilities, was erected at a cost to date of approximately \$10,000.00. Installation of plumbing and painting has yet to be done. A gas service has been extended to this building for the purpose of heating. It has also been equipped with press boxes, which can be utilized for broadcasting if necessary.

Bleacher accomodation for 600 spectators have also been constructed.

## MEWATA PARK (CONT'D)

### Mewata Stadium

The quarter-mile running track was built 640 cu. yards of loam and shale being used. By way of experiment this was surfaced with 129 cu. yards of crushed brick.

The centre-field was again top-dressed with 100 loads of fertilizer and re-seeded. As a result the sod showed a marked improvement during the season, notwithstanding the inroads of cut-worm and other pests.

A two inch water service was extended from 11th Street along the south side of the grounds, just within the fence to a point near the main entrance at the south west corner. From this main a one inch service was extended northwards along the east and west sides of the center-field.

A building was erected in the south west corner near the main entrance for the purpose of storing equipment, eventually to be used in part as a ticket office.

The total expenditure to date on the Stadium since the commencement of construction work in the early part of 1929 has been \$18,121.86.

In Mewata Park now that it has been equipped with this stadium enclosure we have an athletic park which we can well be proud of, for in this park is accomodation for sporting facilities of all kinds, and the equal of which can be found nowhere else in Western Canada. As already stated, in the south east corner is an area that can be eventually utilized for bowling or tennis. To the west of the Stadium enclosure is a space that can be used for baseball, rugby, soccer, or lacrosse as the need arises, and this area can be and is utilized for hockey and skating during the winter months. Incidentally the hockey rink on this park is the most popular of any maintained by the Department as it is here that the school leagues play their principle league games.

The rink for general skating is quite extensive and is much patronized during the winter for the staging of skating parties of various kinds. A caretaker is on duty all the time in charge of a warming and checking room, and is provided with equipment for giving first aid in case of accidents. The Stadium proper is enclosed with an eight foot high board fence and has three exits that large crowds may be easily dispersed. There is a regular quarter mile running track, 20 foot wide, this track being enclosed with a strong wooden fence. The space within this track has been converted into a splendid turfed area which can be used for rugby, football, or lacrosse, or, in the event of a field day, for the regular track and field events.

The grandstand and bleacher accomodation together with the slope on the west side of the grounds, and the space provided outside the running track completely around the field, will easily accomodate 30,000 spectators.

An initial meet was held on September 16th on these grounds, consisting of 33 track and field events for men and women, for which there were 330 entries, the contestants coming from eleven centres, in addition to those from Calgary. There were about 1,500 spectators present on this occasion and Mr. W. L. Ross, the Secretary of the Central Sports Association makes the following comments on this meet.

### MEWATA PARK (CONT'D)

"The weather was ideal for an event of this nature and the park, while still in course of construction, was in the very best possible condition under the circumstances. The turf in the centre of the field was in good shape and, with a year or two's growth, should be a fine pitch. The track showed its newness by loosening up ~~after~~ two or three heats were run, but time alone can remedy this condition. Many were the complimentary remarks that were passed on the choice of so fine a situation, and the general condition of the park in view of the very short space of time that has elapsed since work was commenced. There is no doubt that there will be a very great demand for the facilities provided during the coming year."

The children have not been overlooked in the equipment of this park, for, in the north east corner playground equipment in the form of swings, tectors, slides, giant strides, sandpiles, etc. are provided, together with facilities for the playing of junior baseball, basketball, etc. There are also four areas that are regularly used for softball.

### HILLHURST PARK

The mild weather in February last year brought the skating season to an unusually early close, and made it possible to open the football season much earlier than for some years. As a matter of fact the first Soccer game was played on April 1st.

Following is a list of games played during the season:-  
Soccer, 26 First Division; 30 Second Division; 2 Visiting Teams; 4 Inter. City. Rugby, 24 (English) Junior; 4 (English) Senior; 23 High School; 1 Visiting Team. Baseball, 4 Games.

It was a rush season for the park with one, two, and occasionally three games per day. The field was in exceptionally good condition all through the summer in spite of this hard wear.

A good piece of work was done on the north west corner of the park where gravel had previously been excavated, this being filled in with rocks, etc. and levelled off with loam from Riley Park Pool. 12 trees and 19 shrubs which had not thrived were replaced.

The fence on the north side was painted.

The ten foot fence enclosing the park was not high enough to keep out some youths of the city, so on top of this was placed four strands of barbed wire on brackets.

Skating was started soon after the Football Season, the rink being opened on November 20th. The crowds which patronized it through the winter testified to the popularity of the good skating provided at Hillhurst Rink.

### ROTARY RECREATION GROUNDS

Early in the year a committee was appointed by the Rotary Club of this city to consider and recommend on some major activity for the Club. This committee decided to recommend the construction of a model childrens' playground, and I was invited to attend the meetings in an advisory capacity. After considering a number of possible sites, that on the east side of the Centre Street Out in Mount Pleasant, was selected. I was requested to prepare a plan and

## ROTARY RECREATION GROUNDS (CONT'D)

estimates of cost. The plan submitted was readily accepted by the committee and enthusiastically endorsed by the Club membership, and, after having first obtained the consent of the City Council, the Club requested me to proceed with the work.

The mound of earth extending north and south at the summit of the Centre Street Cut was first graded into shape and planted thickly with trees and shrubs to form a boundary planting and shelter belt on the west side of the grounds, 259 trees and 315 shrubs being used. The whole area was then roughly graded.

A concrete wading pool was constructed, water and sewer connections extended, paths graded, concrete curbing laid, three areas of sufficient size to be used for baseball, hockey, etc. levelled and fenced, loam stripped and piled in readiness for future use on the remaining area, and a great deal of finished grading done to this area. The boulevard on First Street East was graded and loamed the full length of the park. The cost of concrete work, fencing, water, and sewer extensions, and the initial breaking of the land was borne by the Rotary Club.

### PLAYGROUNDS

The playground equipment was thoroughly overhauled and made safe on all playgrounds.

The three-acre area in Barkview was levelled by removing the hill that existed on the west side and placing it in the depression on the east side. This entailed the removal of about 16,000 cu. yards of earth all of which work was done by using single unemployed men with wheel barrows. There is now a nice level surface ready for development as a playground.

The playground shelter at Killarney and Ogden Parks were painted.

New equipment sufficient to furnish six new playgrounds was purchased but has yet to be erected.

The usual playground activities were conducted during the holiday months as in previous years.

Following is a list of playgrounds supervised, name of supervisor and attendance.

Playground	Supervisor	Boys	Girls	Total	Days Open
Riley Park	Mr. Harold Riley	4402	4104	9506	42
St. Geo. Island	Mrs. M. Frost	7907	7745	15652	44
Crescent Hts.	Miss H. L. Christiansen & Miss D. Kidney	2574	1599	4173	47
Mewata Park	Mrs. L. Olarin	4546	4684	9230	47
Tuxedo Park	Mrs. E. M. Lawrence	3543	1532	5075	41
Victoria Sch.	Mr. H. E. Sadler	1744	1214	2958	51
Killarney Park	Mr. J. Olaney	1956	1285	3241	44
Riverside Sch.	Miss M. M. Irwin				
	Miss R. Plummer	2587	2206	4793	47
Ogden Park	Miss V. M. Smith	2952	2206	5158	47

## PLAYGROUNDS (CONT'D)

What might be termed the "Children's Learn to Swim" campaign was again made possible by the kind courtesy of the authorities of the Y.M. and Y.W.C.A. The children took full advantage of the facilities provided and also made the fullest possible use of the "swimming hole" on the Elbow River. It is hoped that by another year other similar natural bathing places will be available on the rivers, particularly the infiltration plant on the Bow River which, by that time will probably be abandoned for use for the purpose for which it was constructed.

The wading pool at St. George's Island continues to prove a great attraction, and we anticipate the same popularity for the new one constructed by the Rotary Club at Mount Pleasant. The former should have a larger feed and outlet pipe installed. It requires two whole days to change the water in this pool. The shelter is also in need of improvement and the surrounding area needs loaming and seeding.

Through the very kind cooperation of the Y.M.C.A., young men specially trained attended the playgrounds and assisted the supervisors in athletic coaching. This was an innovation that proved immensely popular. This training for track events furnishes the boys and girls with a clean, healthful outlet for surplus energy and adds immensely to the interest of the playground activities. The program consisted of short dashes, throwing for distance, relay races, etc.

Baseball teams were organized independently of the regular playground programme and season, being conducted throughout the summer. So successful was this that it is intended to organize regular Parks Department Boys and Girls Leagues during the coming summer.

The Playground Sports Finals were held at St. George's Island at the close of the Playground Season and were very well attended.

There was a very gratifying degree of growth in attendance at the supervised playgrounds last season, particularly at the recently established centres at Killarney and Ogden. In fact I think this latter was our most successful playground last season, and the reason for this is indicated in the report of the supervisor, Miss Smith which I quote in part.

"There was quite an improvement in the general tone of the playground from that of the previous year. A marked improvement in team spirit and actual ability to play games was shown. This playground is really a community centre. The parents play games with the children in the evening. Many parents have given assistance in various ways, such as in supervision of games, coaching, lending of extra equipment, etc. The United Church Young People's Society have cooperated with the supervisor and helped to make the playground most successful."

Many of the young people were among the unemployed. The activities of the playground provided them with wholesome recreation at no cost. Usually only smaller children come out in the afternoon. Last summer many young men and women spent the afternoon on the playground."

Mrs. Lawrence of Tuxedo Park in her report states that the outstanding feature of the summer so far as her playground is concerned was the care the children took of the equipment and the splendid spirit evinced on the playground. There was a marked improvement in the behavior of the children, both boys and girls, visiting this playground, and Mrs. Lawrence is of opinion that this was in some measure due to the new ruling "no commercial players on playground teams", and expresses the hope that this ruling will be adhered to in the future, thus giving the less fortunate boys and

PLAYGROUNDS (CONT'D)

girls a chance, so that the Calgary playgrounds will be a real benefit in the matter of citizenship.

I am pleased to say that there was a splendid spirit of cooperation amongst the supervisors last year, the best in fact that I have experienced. The weekly meetings were a very helpful factor in this regard.

RINKS

The present winter has been the finest in many years for winter sports and the facilities provided have been most intensively used. The season opened unusually early and present indications are that it will continue till a much later date than usual, and the weather, throughout the winter, whilst cold enough to preserve good ice, has not been so intensely cold as to make outdoor exercise uncomfortable.

Rinks were constructed and maintained as follows:-

Rink	Location	Area	Uses
Manchester	55th Ave. & 1st St.W.	10800	Skating
Parkhill	37th Ave. & 2nd St. E.	8700	Skating
Roxboro	30th Ave. & 1st St. W.	14500	
Elbow River	From 5th St. to 30th Ave	13000	
Rosevale Pk.	34th Ave. & 7th St. W.	14800	Skating & hockey (Community Rink)
S.Calgary Pk.	South Calgary Park	12500	Skating
Earl Grey	10th St.& Prospect Ave.	25600	Skating & hockey (2) (Community Rink)
Mt. Royal	14th St. & 22nd Ave.	8000	Skating
Bankview	23rd Ave. & 16th St.S.W.	13628	Skating
Killarney	Killarney Park	15444	Skating
Scarboro Ave.	Scarboro Ave.& Senlac St.	8700	Skating (Community)
Sunalta	Sunalta Park	12325	Skating
West End	12th Ave.& 17th St.W.	11000	Skating
West End	13th Ave.& 12th St.W.	7020	Skating
West End	16th Ave.& 11th St.W.	11000	Hockey (Community)
West End	17th Ave.& 11th St.W.	5700	Skating
West End	16th Ave.& 8th St. W.	8700	Skating
St.Stephen's	14th Ave.& 11th St.W.	920	Skating
Cliff St.	Cliff St.& 25th Ave.	14600	Skating & hockey (Community)
Victoria	15th Ave.& 3rd St.E.	12740	Skating
Chinese Y.M.C.A.	1st Ave.& Centre St.	15000	Skating & hockey (Community)
Westmount	2nd Ave. & 20th St. W.	13000	Skating
Bow Valley	7th Ave. & 23rd St.N.W.	10437	Skating
Hillhurst	Hillhurst Park	75225	Hockey & skating
Sunnyside	3rd Ave. & 5A St.N.W.	14590	Skating
Capitol Hill	20th Ave.& 14th St.N.W.	23000	Skating
Balmoral	22nd Ave.& 3rd St.N.W.	12500	Skating
Tuxedo Park	Tuxedo Park	15000	Skating & hockey
Rotary Re-creation Grd.	3rd Ave.& 1st St.E.	74500	Hockey(2)& skating
Bridgeland	4th Ave. & 9A St.N.E.	9600	Skating
Riverside	2nd Ave. & 8th St.E.	7500	Skating
Alexandra	9th Ave. & 11th St.E.	7936	Hockey & skating
East Calgary	23rd Ave. & 16A St. E.	16000	Hockey & skating (Community)

RINKS (CONT'D)

<u>Rink</u>	<u>Location</u>	<u>Area</u>	<u>Uses</u>
Inglewood	24th Ave. & 17A St.E.	16000	Skating
Ramsey	Burns Ave. & Ramsey St.	20000	Skating
Valleyfield	Millican Estate	14000	Skating
Millican	Millican Estate	12800	Skating
Ogden	Ogden Park	14000	Skating & hockey (Community)

The people of the district helped considerably with the development of the rinks at Millican and Valleyfield, local men working on relief doing the levelling, 250 cu. yards of earth having to be moved in the latter case, and heated dressing rooms were provided in both cases by local effort.

The rink at Capitol Hill, formerly located in the park, where it was most unsatisfactory because of the difficulty of flooding and of the damage done to the borders, was moved to a location immediately south of the park, where a site 150 by 120 feet was levelled and a very excellent rink established. This rink has proved most popular.

Other sites that were carefully graded so that it was possible to make excellent rinks with very little difficulty were located at Balmoral, Roxboro, Killarney, and Riverside Playground sites, indeed the flooding of rinks was a much simpler and more expeditious process this year than on any previous occasion, due to the fact that it was possible to perfectly level all the sites in the fall by grading with relief labor.

Two very fine skating rinks and one hockey rink were constructed at the Rotary Recreation Ground.

New hockey enclosures were made for Tuxedo Park, Rotary Recreation Grounds, and Mewata Park.

Rinks have been flooded for the Separate School Board at St. Mary's, St. Joseph's, St. Anne's, and St. John's Schools, the department being reimbursed for the cost of this work.

Rinks have also been given initial flooding for several community organizations.

The following statement of revenue for the season 1931-32 received from the four rinks where checking facilities were provided may be of interest:-

Hillhurst Rink.....	\$ 839.15
Mewata Rink.....	616.40
Elbow River Rink.....	467.85
Mt. Pleasant Rink.....	<u>239.85</u>
	\$ <u>\$154.25</u>

ATHLETICS

The Parkhill Football Ground, though it has been in use for quite a number of years, has always been unsatisfactory and the cause of much complaint because of its uneven surface. The whole area was levelled last summer, a cut of as much as two feet being made on some portions, and a corresponding fill in others, and many hundreds of yards of earth being moved. Not only is there now a level surface, but the field can be played north and south as well as east and west.



### ATHLETICS (CONT'D)

The Municipal Cricket Pitch in Riley Park, originally constructed with an asphalt base, coated with clay and surfaced with cinders, never had proved very satisfactory, and, due to wear, was in a deplorable condition. It was therefore entirely rebuilt with red shale, and the turf margins relaid, with the result that it is now as near perfection as it is possible to have it under our climatic and other circumstances.

An entirely new cricket pitch was also made of the same material at Inglewood Park and a small clubhouse built for use of the Club Members.

A running track was graded for the Y.M.C.A.

### BAND CONCERTS

A program of band concerts exactly similar to that of 1929 was provided.

### BOULEVARDS

Two hundred and one trees were severely headed back, this being made necessary in many cases because of the damage done by the heavy wet snow storm of the autumn of 1930 when many limbs were broken. It was only by this heavy pruning that any form of symmetry could be restored. In other cases this heading back was made necessary because of interference with overhead wires or because of interception of street lighting.

The question of damage to sewers by tree roots again became very acute during the past year and an investigation and report from all those departments concerned was requested by the Commissioners. As a result of these reports, a recommendation was made and approved by Council that Russian Poplar trees be gradually removed from the streets and that no more be planted. The matter aroused considerable public interest and many conflicting opinions were expressed, but there was a very strong sentiment in favor of preserving the trees. As has been pointed out in a previous annual report of this department, this is a difficult problem, because of the very restricted choice of material available here due to our climatic conditions. The difficulty could be overcome of course by reconstructing our sewers in such a way that they would be impervious to roots but this would be a very costly undertaking. In the meantime we are restricting our plantings to Birch, Green Ash, and Elm, though the complete hardiness of this latter tree in this district has not been yet proven.

The task of watering newly planted stock was again a very heavy one due to lack of precipitation.

All boulevards on 13th Avenue that were above the level of sidewalk and curb were levelled and reseeded. The sod and soil removed which was of excellent quality was made use of to top-dress several new park areas.

The following boulevards, constructed during 1930, were seeded, and planted with trees and shrubs:-

On	From	To
Quebec Avenue	Montcalm Crescent	Wolfe Street
Wolfe Street	Quebec Avenue	Sabor Avenue
All round Block 236, Plan 5700, A.7.		

BOULEVARDS (CONT'D)

On	From	To
Senlac Street	Superior Ave.	17th Ave. W.
Shelborne St.	Sunderland Ave.	17th Ave. W.
Scotland St.	Superior Ave.	Sunderland Ave.
Scotland St.	Sunderland Ave.	17th Ave. W.
Scotland St.	Sonora Ave.	Sunderland Ave.
Scotland St.	W. side Lot 11, Blk. 247 Plan 5700, A.G.	South to Salem Ave. S. to S. side Lot 9, Blk. 248, Plan 5700
Superior Ave.	Lane between Shel- borne-Scotland St.	Scotland St.
11th Ave. N.W.	1st St. N.W.	Centre St. N.
11th Ave. N.E.	Centre St. N.	1st St. N.E.
11th Ave. N.W.	1st St. N.W.	Centre St. N.
11th Ave. N.E.	Centre St. N.	1st St. N.E.
10th Ave. N.E.	Centre St. N.	1st St. N.E.
10th Ave. N.E.	1st St. N.E.	2nd St. N.E.
10th Ave. N.E.	Centre St. N.	1st St. N.E.
10th Ave. N.E.	1st St. N.E.	2nd St. N.E.
8th Ave. N.E.	2nd St. N.E.	Edmonton Trail
8th Ave. N.E.	2nd St. N.E.	Edmonton Trail
7th St. N.E.	Centre Ave. N.	1st Ave. N.E.
7th St. N.E.	1st Ave. N.E.	2nd Ave. N.E.
7th St. N.E.	2nd Ave. N.E.	4th Ave. N.E.
7th St. N.E.	4th Ave. N.E.	5th Ave. N.E.
7th St. N.E.	Centre Ave. N.	1st Ave. N.E.
7th St. N.E.	1st Ave. N.E.	2nd Ave. N.E.
7th St. N.E.	2nd Ave. N.E.	4th Ave. N.E.
7th St. N.E.	4th Ave. N.E.	5th Ave. N.E.
3rd Ave. N.E.	1st St. N.E.	W. to W. side Lot 34, Blk. 14, Plan 1332-N S. to S. side Lot 1, Blk. 137, Plan 2187-V
7A St. N.W.	9th Ave.	15th St. E.
8th Ave. E.	14th St. E.	3rd Ave. N.W.
9A St. N.W.	2nd Ave. N.W.	1st St. N.E.
9th Ave. N.E.	Centre St.	1st St. N.E.
9th Ave. N.E.	Centre St.	2nd St. N.E.
7th Ave. N.E.	1st St. N.E.	2nd St. N.E.
7th Ave. N.E.	1st St. N.E.	2nd St. N.E.
Riverdale Ave.	9th St. S.W.	E. to W. side Lot 6, Blk. F, Plan 4078-U
Shelborne St.	Scarboro Ave.	South to Lane
18th St. S.W.	17th Ave. S.W.	19th Ave. S.W.
18th St. S.W.	17th Ave. S.W.	19th Ave. S.W.
Sharon Ave.	17th St. S.W.	12th Ave. S.W.
Sharon Ave.	18th St. S.W.	E. to E. side Lot 7, Blk. 227, Plan 5700, AG
Crescent Road	1st St. N.W.	2nd St. N.W.
Sonora Ave.	Scotland St.	Summit St.

The following is a list of boulevards constructed during 1931. These will require to be seeded and planted during the coming season.

On	From	To
6th St. N.W.	Alexandra Crescent	16th Ave. N.W.
4A St. N.W.	Alexandra Crescent	16th Ave. N.W.

BOULEVARDS (CONT'D)

<u>On</u>	<u>From</u>	<u>To</u>
5th Street N.W.	Alexandra Crescent	16th Ave. N.W.
Alexandra Crescent	4th St. N.W.	5th St. N.W.
12th Avenue N.W.	2nd Street N.W.	3rd Street N.W.
11th Avenue N.W.	1st Street N.W.	2nd Street N.W.
11th Avenue N.W.	3rd Street N.W.	4th Street N.W.
2nd Street N.W.	12th Avenue N.W.	South to Lane
5th Avenue N.E.	2nd Street N.E.	East to Lane between 2nd St. & Edmonton Trail
5th Avenue N.E.	2nd Street N.E.	Eastwards to East side Lot 51, Blk. 8, Plan 1332-N
14th Avenue N.W.	6th Street N.W.	Lane between 6th & 5th Streets N.W.
3rd Avenue N.W.	6th Street N.W.	East to East side Lot 17, Blk. 24, Plan 1948 P
9A Street N.W.	2nd Avenue N.W.	Southwards to exist- ing blvd. S. side Lot 33, Blk. 1, Plan 2448, 0
Bowness Road	14th Street N.W.	17th Street N.W.
Montcalm Crescent	Cabot Street	Premier Way
Cabot Street	W. side Lot 1, Blk. 74, P. 7080, A.J.	Montcalm Crescent W. to W. side Lot 14, Blk. 83, P. 7080, A.J.
Premier Way	Verecheres Street	Dorchester Avenue
Carleton Street	Prospect Avenue	12th Street S.W.
Carleton Street	Prospect Avenue	N. Westerly to N.W. of existing blvd.
12th St. & Carleton St.	Frontenac Avenue	N. to S. side Lot 7, Blk. 5, P. 5360, A.M.
1st Street S.W.	50th Avenue S.W.	West to W. side Lot 19, Blk. 4
Riverdale Ave.	10th Street S.W., in front of Blk. D	
447 Scarboro Ave.	Blvd. on Scotland St. & Scarboro Avenue	
Riverdale Avenue	6A Street West	7th St., in front of Blk. 3, P. 6153, A.C.
Alexander Crescent	5th Street N.W.	6A Street N.W.
5th Street N.W.	Crescent Road	Alexander Crescent
5th Street N.W.	Crescent Road	Alexander Crescent
Joliet Avenue	Verecheres Street	14th Street West

An innovation in boulevard construction in so far as Calgary is concerned was affected last season, central parking strips to form island boulevards as well as the regulation boulevards on either side being built on 2nd Avenue South West from 14th to 16th Street and on Westmount Boulevard from 10th Street to 14th Street.

The following statement indicates the progress made in boulevard construction in recent years.

Constructed prior to 1926	-	310,876	lineal feet
" in 1927	-	19,718	" "
" in 1928	-	16,130	" "
" in 1929	-	15,428	" "
" in 1930	-	21,710	" "
" in 1931	-	<u>24,004</u>	" "
Total		407,857	" (77.24 miles)
Total constructed 1927-31		96,990	" (18.36 "

### MEMORIAL DRIVE

An area that was improved in 1930 was graded and seeded at the east end of the drive.

180 trees and 120 shrubs were planted by this Department, the Kiwanis Club again subscribing one hundred and fifty dollars (\$150.00) towards the cost of this work and giving some assistance in the planting.

The plan of a double driveway prepared many years ago by myself and which, though it was enthusiastically received by many citizens at that time seemed a dream of a dim and distant future, because of its cost, materialized in part last year, the work being done as a relief measure. The western portion of the Drive extending through Sunnyside was paved so as to provide a double driveway with a regulation boulevard on the north side, a central boulevard strip and a wide expanse next the river on the south side. This improvement was extended through on the Hillhurst side as far as 14th Street so that this section can now well be considered a part of the Memorial Drive. On the wide expanse between paving and river in this section considerable grading was done and an area partly prepared for use as tennis courts and lawn bowling greens.

### CEMETERIES

#### Burnsland Cemetery

18,960 square feet of plots and 7,747 square feet of grassways were loamed and seeded.

7,206 square feet of sod was used for surfacing graves by request and for other special work, where sodding was more desirable than seeding.

100 cu. yards of fertilizer was used for renovating lawn areas.

Two new blocks of 4'x 10' and one new block of 8'x 10' plots were surveyed and marked, 1,000 lot markers being used.

1,504 square yards of driveway were resurfaced with gravel, 3 inches deep.

A new road extending from the S.W. corner, along the South and East sides of the Cemetery, was surveyed, graded and gravelled, 4,040 superficial yards being gravelled to a depth of 8 inches, this gravel being removed from the borders during the course of preparation, and replaced with loam.

A new border was trenched the full length of Section "F" on the east side to a depth of 18 inches, and inferior soil, where necessary replaced with manure and loam.

The total area of new borders prepared in this cemetery, was 69,600 square feet, the whole being trenched to a depth of 18 inches.

The turf removed from the City Hall, was used to form the grass verges to these borders so far as it extended.

The nursery extension formed some years ago in the undeveloped portion of this cemetery, was enlarged by 15,420 square feet, the area thus prepared, being used for the planting of tree cuttings and small seedling trans-plants.

The planting of the boulevard on the Macleod Trail, was completed the full length of the cemetery, this boulevard being treated so as to form a close shrub and tree border without grass. This will not only have a lower maintenance cost, but will act as a screen for the cemetery.

## CEMETERIES (CONT'D)

### Burnsland Cemetery

Many thousands of yards of gravel having been removed during the past year from the gravel pit for use in the various parks and cemeteries a good part of this pit has become exhausted. The exhausted portions were filled with surplus earth obtained from various sources, but principally from the new water-main ditch, extending along the Macleod Trail. It will now be possible to utilize this land for other purposes.

Considerable levelling has been done on those portions of the gravel pit where the gravel was not in sufficient quantities, or was not of sufficiently good quality to be worth working.

### Union Cemetery

1,264 square feet of plots, loamed and seeded.

16,229 square feet prepared for loaming and seeding, during the coming season. 94,600 square feet prepared during 1930, was loamed and seeded. (These two latter figures apply to the older areas of the cemetery that had never been improved).

200 cu. yards fertilizer used for renovating lawn areas.

230 sunken graves in the Free Section were levelled and the whole area loamed and seeded.

The main driveway was scarified, graded, surfaced with screened gravel, and coated with dust preventive.

The driveway between sections "L" and "M" was reconstructed for the purpose of decreasing the grade and is in readiness for gravelling during the coming season.

The driveway at Section "X" was widened by moving back the grass verge on either side, which also necessitated the removal of trees and shrubs.

4,796 square yards of road surface that had not been previously properly constructed, was surfaced with 3 inches of gravel.

All gravel pathways were resurfaced.

18,736 square feet of unsatisfactory sods situated on the slope immediately west of the Chapel which was very unsatisfactory, and difficult to maintain on account of its steepness, was entirely removed and the area planted thickly with trees and shrubs.

5 new tree groups were established on the Western Slope.

A group of shrubs at the sharp hairpin-turn on the main road, which had begun to obstruct the view, was removed, and the area replanted with Peonies.

The boulevard on Second Street East was planted from the main entrance to a point opposite 27th Avenue.

Replacements were made where necessary, in all beds and borders.

Two new rose beds were established on the Western Slope.

A number of tree holes were dug along the summit of the bank which forms the northern limit of the Cemetery in readiness for planting, to form a shelter belt, and a new fence was erected.

246 superficial yards of rock wall was constructed in various parts of the Cemetery where cut banks existed.

CEMETERIES (CONT'D)

STATISTICS

Interments

Interments in Union Cemetery.....106  
 Interments in Burnsland Cemetery.....575  
 Total interments during year.....681

(134 of the above were free interments)

Disinterments for Reinterment

From Burnsland to Burnsland.....6  
 From Union to Burnsland.....1  
 From Union to Union.....7  
 Total.....14

Lot Sales

Union Cemetery:-

2 lots, 4' x 12'  
 1 lot, 8' x 12'  
 1 lot, 34' x 12'

Burnsland Cemetery:-

<u>Size of Lots</u>	<u>Perpetual Care</u>	<u>Non-Perpetual Care</u>
20' x 10'	9	
16' x 10'	14	
12' x 10'	11	
8' x 10'	107	
4' x 10'	<u>259</u>	<u>40</u>
	<u>400</u>	<u>40</u>

444 plots of all sizes were sold in both Cemeteries.

Lots under Annual Maintenance, Burnsland - 18; Union 175.  
 Lots under Perpetual Care, Burnsland - 2814; Union 362.  
 The Perpetual Care Fund is now \$ 94,573.46.

QUEEN'S PARK CEMETERY SITE

The subdivision of this quarter section was cancelled, a topographical survey was made, and contour plan has been prepared. A twenty-foot driveway extending from the entrance at the South East corner across the first coulee was graded and levelled and a new bridge built across the creek.

### NURSERIES

3,460 trees and shrubs were transplanted.

37,123 perennials raised from seed.

150 lbs. of Caragana seed collected and harvested.

Sprinkler system was extended by 825 feet.

A new store room for seeds was constructed.

The following stock was used for permanent planting in the various parks, etc., 2,660 trees valued at \$2,363.25; 5,334 shrubs at \$2,452.10; 29,856 perennials at \$4,478.40; Total value \$9,303.75.

The following trees and shrub seeds were sown for experiment purposes:-

Aesculus hippocastanum	Pinus halepensis
" rubicunda	" laricea var. corsica
Acer pseudo-platanus	Picea excelsa
" platanoides	Pyrus baccata
" tartaricum	Populus nigra
" campestris	" tremula
" ginnala	" canadensis
Ailanthus glandulosa	" alba
Alnus glutinosa	Platanus occidentalis
Amorpha fruticosa	" orientalis
Cupressus sempervirens pyramidalis	Prunus domestica
" horizontalis	" padus
Castanea vesca	" serotina
Carpinus betulus	Quercus pedunculata
Catalpa bignonioides	" robur var. sessiliflora
Cerasus avium	" ceris
" " sylvestris	" rubra
" vulgaris	" ilix
Colutea arborescens	" pubescens
Cornus sanguinea	Juniperus communis
" mascula	" virginiana
Corylus avellana	Rhamnus utilis
Fraxinus pubescens	" alaternus
" ornus	" frangula
Juglans nigra	" catharticus
" regia	Rosa canina
" cinerea	Sophora japonica
Larix europea	Sorbus aria
Melia azedarach	" terminalis
Olea europea	" aucuparia
Pinus pinea	Tilia sylvestris
" cembra	" argentea
" austriaca	

### TOOLS, PLANT, AND EQUIPMENT

A spiked roller was purchased early in the year and was used on all lawn areas throughout the park system. It proved most beneficial by breaking up the hard surfaces and permitting the penetration of moisture and fertilizer.

Two power mowers, an "Atco" and a "Toro" were also added to our equipment and gave good service.

A "Peerless" power grinder and a motor bench grinder were installed in the workshop and were of immense benefit in keeping equipment in good working order.

A loading platform and an implement shed were built at the rear of the workshop.

Six hundred spruce fence posts were peeled and dipped in readiness for fence repairs wherever they may be required during the coming season.

## POLICING

Notwithstanding the fact that the one lone patrolman of this Department has an immense amount of territory to cover and no adequate means of transportation, yet there was a marked improvement in conditions last year as a result of his work. These improved conditions were effected to some extent in an indirect way by organizing the lads into baseball teams in those districts where, previously, we had had a good deal of trouble. The patrolman did the organizing work and the Department supplied equipment, and it was found that it was effort and money well expended, for, by giving these lads an interest in properly conducted recreation, they not only did no mischief themselves but acted as a restraining influence on others.

There was much improvement with regard to damage to boulevards, building contractors being checked up very closely.

Frequently during the summer it was found necessary to warn campers off Shouldice Park, and the "jungle land" that developed on the south bank of the Bow river opposite St. George's Island was completely cleaned up towards the end of the year.

During the winter months the skating rinks were under close supervision, particularly the dressing rooms where complaints had been made in the past of unruliness and obscene language.

### Prosecutions

Parking on Boulevard.....	5
Reckless driving in Parks.....	5
Damaging Property.....	4
Damaging Trees.....	1
Driving over lawns.....	1
Total	16

### Warnings

Taking golf balls from course.....	22
Playing ball in restricted areas....	13
Riding bicycle over greens.....	7
Playing golf in Riley Park.....	11
Lighting fires in St. Geo. Island.....	2
Climbing trees.....	4
Parking wrong side in parks.....	2
Grazing horses on prohibited area....	1
Building material on boulevard.....	2
Parking on boulevard.....	1
Total	65

## MISCELLANEOUS

Displays were made in all the local Flower Shows and assistance was given in the judging at several of these shows, also at various points in the country districts.

The model rock garden was again reconstructed at the entrance to the Arts Gallery at the Industrial exhibition.

Considerable assistance was given during the week of the Bonspiel by conveying equipment from rink to rink. This assistance was much appreciated.

Assistance was also given Sunshine in the distribution of Christmas hampers.

Several of the staff were given instructions in First Aid work and First Aid kits were provided in all suitable locations.



WATER EXTENSIONS

St. George's Island  
 400 ft. of 1½" feed pipe  
 100 ft. of 1" pipe, service extension.

Riley Park  
 350' old sprinkler pipe

Memorial Park  
 165 ft. of 1½" (feed for new sprinkler service)  
 512 ft. of 1" sprinkler

Tompkins Park  
 280 ft. of 1" feed pipe

Golf Course  
 250 ft. of 1" feed pipe

Mewata Park Stadium  
 300 ft. of 1¼" feed pipe for centre field  
 340 ft. of 1" pipe

Union Cemetery  
 574 ft. 1" sprinkler  
 300 ft. of 1½" main

Burnsland Cemetery  
 290 ft. of 1" sprinkler  
 204 ft. of 1" feed pipe for sprinkler service  
 100 ft. extension of 2" main.

Nursery  
 825 ft. of 1" sprinkler.

STATEMENT OF GRASS SEED USED

	Total lbs.
Memorial Drive, extension of improved area.....	116
Riley Park, renovations to cricket pitches, etc.....	18
Golf Course, renovations.....	64
Elbow Boulevard Park, renovations.....	6
Centre Street Cut & 34th Ave. Cut Bank.....	155
Mt. Pleasant Park, improvements.....	15
Memorial Park, renovations.....	21
Mewata Park Stadium, renovations.....	126
St. George's Island, renovations.....	26
Boulevards graded 1930 (Suspense Acct., Local Improvement Bylaws 2641,2056,2499).....	514
Boulevard Renovations.....	552
Local Improvement Bylaw 2734 (Boulevards).....	1090
Local Improvement Bylaw 2753 (Boulevards).....	174
Cemeteries.....	578
Cash Sales.....	16
Fire Department.....	49
General Hospital.....	15
Electric Light Department.....	55
Total	<u>3590</u>

MUNICIPAL GOLF COURSE, STATEMENT OF EXPENDITURES & REVENUE - 1915-1931

YEAR	EXPENDITURE		REVENUE		
	<u>Construction &amp; Improvements</u>		<u>Maintenance</u>	<u>Total</u>	
	<u>Clubhouse</u>	<u>Course</u>			
1915		962.25	398.93	1361.18	419.85
1916	1653.20		1911.53	3564.73	1803.30
1917		721.82	2542.73	3264.55	3005.30
1918	958.77	649.08	2087.35	3695.20	2777.50
1919	958.77	177.58	2903.94	4040.29	2634.00
1920	958.77	162.40	3371.09	4492.26	3301.75
1921	294.01		4106.33	4400.34	5712.50
1922	253.86	220.11	3539.81	4013.78	5771.15
1923	852.24		4058.19	4910.43	5993.55
1924	636.78	12.00	4012.01	4660.79	4688.20
1925	138.98	144.03	3830.41	4113.42	5049.25
1926		169.68	4183.93	4353.61	4892.25
1927	55.62	311.26	3982.88	4349.76	4188.35
1928	214.39	342.27	6077.79	6634.45	6717.70
1929		113.01	7367.73	7480.74	7056.80
1930	76.99	299.91	8527.02	8903.92	10678.05
1931		576.02	8507.04	9083.06	9701.75
Totals	<u>7052.38</u>	<u>4861.42</u>	<u>71408.71</u>	<u>83322.51</u>	<u>84391.25</u>

35

RECORD OF LOCAL IMPROVEMENT (BOULEVARD) BYLAWS 1931 (COMPLETE) BYLAW NO.2641

Location	From	To	Length	Side	No.Trees Planted	No.Shrubs Planted	No.Loads of Loam
<u>Group No.1, Sunalta &amp; S.Mt.Royal.</u>							
1. Quebec Ave.	Montcalm Crescent	Wolfe St.	432'	N.	14	14	34
2. Wolfe St.	Quebec Ave.	Sabor Ave.	542'	W.	9	10	35
3. All round Block	236, Plan 5700 A.G.		1402.29'	All	39	42	101
4. Senlac Street	Superior Ave.	17th Ave. W.	611'	E.	19	20	51
5. Shelborne St.	Sunderland Ave.	17th Ave. W.	585.13'	W.	18	19	45
6. Scotland St.	Superior Ave.	Sunderland Ave.	654'	E.	21	22	54
7. Scotland St.	Sunderland Ave.	17th Ave. W.	631'	E.	49	21	22
8. Scotland St.	Sonora Ave.	Sunderland Ave.	283.42'	W.	9	10	28
9. Scotland St.	W.side lot 11, blk.247 Plan 5700 A.G.	South to Salem Ave.	298.76'	W.	8	9	27
10. Scotland St.	Salem Ave.	S.to S.side lot 9; blk.248, plan 5700	151.87'	W.	6	7	12
11. Superior Ave.	Lane between Shel- borne-Scotland St.	Scotland Street	81.25'	W.	4	5	10
			5672.72'		196	179	419
<u>Group No.2, North Hill, Sunnyside, and East Calgary</u>							
12. 11th Ave. N.W.	1st St. N.W.	Centre St. N.	500'	N.	16	17	48
13. 11th Ave. N.E.	Centre St. N.	1st St. N.E.	524'	N.	18	19	55
14. 11th Ave. N.W.	1st St. N.W.	Centre St. N.	500'	S.	16	17	55
15. 11th Ave. N.E.	Centre St. N.	1st St. N.E.	524'	S.	18	19	55
16. 10th Ave. N.E.	Centre St. N.	1st St. N.E.	524'	N.	18	19	55
17. 10th Ave. N.E.	1st St. N.E.	2nd St. N.E.	467'	N.	15	16	37
18. 10th Ave. N.E.	Centre St. N.	1st St. N.E.	524'	S.	18	14	55
19. 10th Ave. N.E.	1st St. N.E.	2nd St. N.E.	467'	S.	15	16	46
20. 8th Ave. N.E.	2nd St. N.E.	Edmonton Trail	650'	N.	22	23	59
21. 8th Ave. N.E.	2nd St. N.E.	Edmonton Trail	689'	S.	22	23	69
22. 7th St. N.E.	Centre Ave. N.	1st Ave. N.E.	258'	E.	9	10	22
23. 7th St. N.E.	1st Ave. N.E.	2nd Ave. N.E.	446'	E.	14	15	38
24. 7th St. N.E.	2nd Ave. N.E.	4th Ave. N.E.	446'	E.	14	15	38
25. 7th St. N.E.	4th Ave. N.E.	5th Ave. N.E.	320'	E.	10	11	30
26. 7th St. N.E.	Centre Ave. N.	1st Ave. N.E.	258'	W.	9	10	22
27. 7th St. N.E.	1st Ave. N.E.	2nd Ave. N.E.	446'	W.	14	15	41
28. 7th St. N.E.	2nd Ave. N.E.	4th Ave. N.E.	446'	W.	14	15	41
29. 7th St. N.E.	4th Ave. N.E.	5th Ave. N.E.	320'	W.	10	11	32

36

RECORD OF LOCAL IMPROVEMENT (BOULEVARD) BYLAWS 1931 (COMPLETE)

Location	From	To	Grading	Loaming	Seeding	Tree Planting	Total Cost	Estimated Cost	
<u>Bylaw No.2641</u>									
<u>Group No.1, Sunalta &amp; S.Mt.Royal</u>									
1.	Quebec Ave.	Montcalm Cres.	Wolfe St.	58.81	94.25	48.27	36.70	238.03	263.52
2.	Wolfe St.	Quebec Ave.	Sabor Ave.	64.68	102.75	38.92	31.55	237.90	335.62
3.	All round block 236, plan 5700, A.G.			137.58	202.05	74.87	128.55	543.05	865.22
4.	Senlac St.	Superior Ave.	17th Ave. W.	71.04	97.65	54.12	68.24	291.05	372.71
5.	Shelborne St.	Sunderland Ave.	17th Ave. W.	67.24	88.65	53.58	67.11	276.58	356.85
6.	Scotland St.	Superior Ave.	Sunderland Ave.	70.31	104.50	52.95	87.39	315.15	406.85
7.	Scotland St.	Sunderland Ave.	17th Ave. W.	57.42	94.75	60.68	92.73	305.58	384.91
8.	Scotland St.	Sonora Ave.	Sunderland Ave.	30.42	52.60	35.44	43.48	161.94	172.63
9.	Scotland St.	W.side lot 11, blk. 247, plan 5700, A.G.	South to Salem	39.07	51.18	22.15	41.79	154.19	181.78
10.	Scotland St.	Salem Ave.	S.to S.side lot 9, blk.248, plan 5700	24.66	29.12	11.25	28.30	93.33	92.72
11.	Superior Ave.	Lane between Shel- borne-Scotland St.	Scotland St.	67.45	20.56	11.64	22.35	122.00	49.41
<u>Group No.2, North Hill, Sunnyside, &amp; East Calgary</u>									
12.	11th Ave. N.W.	1st St. N.W.	Centre St. N.	43.12	72.00	30.34	55.21	200.67	310.00
13.	11th Ave. N.E.	Centre St. N.	1st St. N.E.	98.88	96.30	47.22	63.81	306.21	324.64
14.	11th Ave. N.W.	1st St. N.W.	Centre St. N.	98.24	102.73	48.59	57.16	306.72	310.00
15.	11th Ave. N.E.	Centre St. N.	1st St. N.E.	76.48	87.10	50.74	62.81	277.13	320.64
16.	10th Ave. N.E.	Centre St. N.	1st St. N.E.	54.52	91.70	45.92	68.63	260.77	320.64
17.	10th Ave. N.E.	1st St. N.E.	2nd St. N.E.	53.32	73.90	38.10	56.29	221.61	284.87
18.	10th Ave. N.E.	Centre St. N.	1st St. N.E.	54.72	93.70	34.96	64.64	248.02	319.64
19.	10th Ave. N.E.	1st St. N.E.	2nd St. N.E.	136.92	78.00	36.86	55.14	307.12	289.87
20.	8th Ave. N.E.	2nd St. N.E.	Edmonton Trail	101.58	106.90	52.27	48.56	309.31	406.50
21.	8th Ave. N.E.	2nd St. N.E.	Edmonton Trail	138.73	117.30	56.95	61.16	374.14	419.80
22.	7th St. N.E.	Centre Ave. N.	1st Ave. N.E.	75.64	42.20	18.75	31.42	168.01	157.38
23.	7th St. N.E.	1st Ave. N.E.	2nd Ave. N.E.	136.81	66.20	32.40	41.37	276.78	277.06
24.	7th St. N.E.	2nd Ave. N.E.	4th Ave. N.E.	266.60	61.60	33.40	41.37	402.97	277.06
25.	7th St. N.E.	4th Ave. N.E.	5th Ave. N.E.	45.40	55.14	27.20	31.87	159.61	195.20
26.	7th St. N.E.	Centre Ave. N.	1st Ave. N.E.	100.59	42.20	23.58	29.03	195.40	157.38
27.	7th St. N.E.	1st Ave. N.E.	2nd Ave. N.E.	47.02	71.30	26.23	39.05	183.60	272.06
28.	7th St. N.E.	2nd Ave. N.E.	4th Ave. N.E.	83.18	70.70	26.23	41.07	221.18	272.06
29.	7th St. N.E.	4th Ave. N.E.	5th Ave. N.E.	59.24	58.64	28.03	13.57	159.48	195.20

RECORD OF LOCAL IMPROVEMENT (BOULEVARD) BYLAWS 1931 (COMPLETE)

Bylaw No. 2641

Location	From	To	Length	Side	No. Trees Planted	No. Shrubs Planted	No. Loads of Loan
30. 3rd Ave. N.E.	1st St. N.E.	W. to W. side lot 34, Blk. 14, plan 1332-N	400'	N.	12	12	44
31. 7A St. N.W.	9th Ave. N.W.	S. to S. side lot 1, blk. 137, Plan 21879V	350'	W.	10	11	35
32. 8th Ave. E.	14th St. E.	15th St. E.	779.6'	W.	25	26	77
33. 9A St. N.W.	2nd Ave. N.W.	3rd Ave. N.W.	520'	W.	14	15	57
34. 9th Ave. N.E.	Centre St.	1st St. N.E.	524'	N.	16	17	57
35. 9th Ave. N.E.	Centre St.	1st St. N.E.	524'	S.	16	17	54
		Group No. 2.	11397.6'		365	383	1122
		Group No. 1.	5672.72'		196	179	419
			17070.32'		561	562	1541

Bylaw No. 2656

37. 7th Ave. N.E.	1st St. N.E.	2nd St. N.E.	500'	N.	17	18	43
38. 7th Ave. N.E.	1st St. N.E.	2nd St. N.E.	500'	S.	17	18	43
39. Riverdale Ave.	9th St. S.W.	E. to W. side lot 6, blk. F, plan 4078-U	290'	W.	9	10	25
40. Shelborne St.	Scarboro Ave.	South to lane	145'	E.	4	5	12
41. 18th St. S.W.	17th Ave. S.W.	19th Ave. S.W.	460'	E.	15	16	40
42. 18th St. S.W.	17th Ave. S.W.	19th Ave. S.W.	480'	W.	15	16	40
43. Sharon Ave.	17th St. S.W.	12th Ave. S.W.	840'	N.	25	26	73
44. Sharon Ave.	18th St. S.W.	E. to E. side lot 7, blk. 227, plan 5700 A.G.	485'	S.	14	22	40
45. Crescent Road	1st St. N.W.	2nd St. N.W.	500'	N.	26	28	43
46. Sonoro Ave.	Scotland St.	Summit St.	540'	S.	15	16	44
			4640'		157	175	403

33

RECORD OF LOCAL IMPROVEMENT (BOULEVARD) BYLAWS 1931 (COMPLETE)

Bylaw No. 2641

Location	From	To	Grading	Loaming	Seeding	Tree planting	Total Cost	Estimated Cost
30.3rd Ave.N.E.	1st St. N.E.	W.to W.side lot 34, blk.14,plan 1332-N	106.48	78.65	36.76	46.07	267.96	244.00
31.7A St.N.W.	9th Ave.N.W.	S.to S.side lot 1, blk.137,plan2187-U	84.15	66.78	37.51	36.28	224.72	213.50
32.8th Ave.E.	14th St.E.	15th St.E.	155.68	136.38	58.81	109.30	460.17	488.80
33.9A St.N.W.	2nd Ave.N.W.	3rd Ave.N.W.	53.53	99.70	43.20	52.93	249.36	322.20
34.9th Ave.N.E.	Centre St.	1st St.N.E.	55.64	108.50	45.96	57.63	267.73	324.64
35.9th Ave.N.E.	Centre St.	1st St.N.E.	52.12	90.20	50.72	56.63	249.67	324.64
		Group No.2	2178.59	1967.82	930.73	1221.00	6298.34	7027.78
		Group No.1	688.68	938.06	463.87	648.19	2738.80	3462.22
			<u>2867.27</u>	<u>2905.88</u>	<u>1394.60</u>	<u>1869.19</u>	<u>9037.14</u>	<u>10510.00</u>

Bylaw No. 2656

37.7th Ave.N.E.	1st St.N.E.	2nd St.N.E.	69.94	82.90	27.76	73.54	253.14	310.00
38.7th Ave.N.E.	1st St.N.E.	2nd St.N.E.	70.44	82.28	27.76	73.14	255.62	310.00
39.Riverdale Ave.	9th St.S.W.	E.to W.side lot 6, blk.F,plan 4078-U	29.44	57.94	14.20	36.86	138.44	182.70
40.Shelborne St.	Scarbro Ave.	South to lane	15.04	23.20	7.00	24.04	69.28	91.35
41.18th St.S.W.	17th Ave.S.W.	19th Ave.S.W.	91.72	93.32	21.50	55.80	261.34	284.80
42.18th St.S.W.	17th Ave.S.W.	19th Ave.S.W.	84.67	82.72	21.50	69.80	258.69	297.40
43.Sharon Ave.	17th St.S.W.	12th Ave.S.W.	105.80	160.74	43.64	93.00	403.18	519.20
44.Sharon Ave.	18th St.S.W.	E.to E.side lot 7, blk.227,plan 5700,A.G.	67.92	77.40	30.44	57.72	233.48	303.55
45.Crescent Rd.	1st St.N.W.	2nd St.N.W.	108.27	84.05	35.59	102.15	330.06	312.00
46.Sonoro Ave.	Scotland St.	Summit St.	68.84	75.52	30.29	49.85	224.40	339.00
			<u>712.08</u>	<u>820.07</u>	<u>259.68</u>	<u>635.80</u>	<u>2427.63</u>	<u>2950.00</u>

RECORD OF WORK COMMENCED UNDER LOCAL IMPROVEMENT (BOULEVARD) BYLAW 1931 (Incomplete)

Location	From	To	Length	Side	Exemptions
<u>Bylaw No.2734</u>					
<u>Group 1, North Hill &amp; Bridgeland</u>					
6A St. N.W.	Alexandra Crescent	16th Ave. N.W.	2350.8'	E.&W.	
4A St. N.W.	Alexandra Crescent	16th Ave. N.W.	2408.6'	E.&W.	
5th St. N.W.	Alexandra Crescent	16th Ave. N.W.	2257.5'	E.&W.	
Alexandra Crescent	4th St. N.W.	5th St. N.W.	1119'	N.&S.	
12th Ave. N.W.	2nd St. N.W.	3rd St. N.W.	500	N.	
11th Ave. N.W.	1st St. N.W.	2nd St. N.W.	500	N.	
11th Ave. N.W.	3rd St. N.W.	4th St. N.W.	604.3	N.&S.	
2nd St. N.W.	12th Ave. N.W.	South to Lane	120	W.	
5th Ave. N.E.	2nd St. N.E.	East to lane between 2nd & Edmonton Trail	550	N.	
5th Ave. N.E.	2nd St. N.E.	Eastwards to East side Lot 51, Blk. 8;			
		Plan 1332 N.	574.5	S.	
14th Ave. N.W.	6th St. N.W.	Lane between 6th & 5th Streets N.W.	120	S.	
<u>Group 2, Sunnyside</u>					
3rd Ave. N.W.	6th St. N.W.	East to East side Lot 17, Blk. 24, P. 1948	425	S.	
9A St. N.W.	2nd Ave. N.W.	Southwards to existing blvd. S. side Lot 33, Blk. 1, Plan 2448.0	325	W.	
Bowness Road	14th St. N.W.	17th St. N.W.	2468.2	N.&S.	
Bowness Road (Centre Blvd.)	14th St. N.W.	17th St. N.W.	1145	(Centre Blvd.)	
<u>Group 3, South Mount Royal &amp; Various Places</u>					
Montcalm Crescent	Cabot Street	Premier Way	675	W.	
Cabot Street	West side Lot 1, Blk. 74, Plan 7080, A.J.	Montcalm Crescent	283	S.	
Premier Way	Verecheres St.	W. to W. side Lot 14, Blk. 83, Plan 7080 A.J.	380	W.	
Carleton Street	Prospect Ave.	Dorchester Ave.	658.1	E.	

40

RECORD OF WORK COMMENCED UNDER LOCAL IMPROVEMENT (BOULEVARD) BYLAW 1931 (Incomplete)

Location	From	To	Estimated Cost	Expended 1931	Estimated Cost to Complete
<u>Bylaw No. 2734</u>					
<u>Group 1, North Hill &amp; Bridgeland</u>					
6A St. N.W.	Alexandra Crescent	16th Ave. N.W.	1641.45	649.83	818.04
4A St. N.W.	Alexandra Crescent	16th Ave. N.W.	1682.45	1341.13	523.76
5th St. N.W.	Alexandra Crescent	16th Ave. N.W.	1575.69	1213.00	468.29
Alexandra Crescent	4th St. N.W.	5th St. N.W.	781.13	252.34	181.18
12th Ave. N.W.	2nd St. N.W.	3rd St. N.W.	353.50	115.53	80.85
11th Ave. N.W.	1st St. N.W.	2nd St. N.W.	353.50	259.85	120.88
11th Ave. N.W.	3rd St. N.W.	4th St. N.W.	425.02	187.14	200.63
2nd St. N.W.	12th Ave. N.W.	South to Lane	84.84	35.00	41.80
5th Ave. N.E.	2nd St. N.E.	East to Lane between 2nd St. & Edmonton Trail	388.85	296.58	193.85
5th Ave. N.E.	2nd St. N.E.	Eastwards to E. side Lot 51, Blk. 8, P. 1332N	400.81	92.58	206.78
14th Ave. N.W.	6th St. N.W.	Lane between 6th & 5th St. N.W.	84.84	35.52	34.79
<u>Group 2, Sunnyside</u>					
3rd Ave. N.W.	6th St. N.W.	East to E. side Lot 17, Blk. 24, P. 1948P	300.47	157.66	167.87
9A St. N.W.	2nd Ave. N.W.	Southwards to exist- ing blvd. S. side lot 33, Blk. 1, P. 2448,	230.26	83.59	86.00
Bowness Road	14th St. N.W.	17th St. N.W.	1744.80	575.81	388.39
<u>Group 3, South Mt. Royal &amp; Various Places</u>					
Montcalm Crescent	Cabot St.	Premier Way	477.22	132.83	174.61
Cabot St.	West side Lot 1, Blk. 74, P. 7080, A.J.	Montcalm Crescent	200.08	70.82	91.92
Premier Way	Verecheres St.	W. to W. side lot 14, Blk. 83, P. 7080, A.J.	268.66	218.05	193.24
Carleton St.	Prospect Ave.	Dorchester Ave.	465.00	181.51	209.76



RECORD OF WORK COMMENCED UNDER LOCAL IMPROVEMENT (BOULEVARD) BYLAW 1931 (Incomplete)

<u>Location</u>	<u>From</u>	<u>To</u>	<u>Length</u>	<u>Side</u>	<u>Exemptions</u>
Carleton Street 12th St. & Carleton St.	Prospect Ave. Frontenac Ave.	12th St. S.W. N.Westerly to N.W. of existing blvd. or W. side Lot 12, Blk. 63; Plan 7080, A.J.	510' 625'	W. W.	
1st St. S.W.	50th Ave. S.W.	N. to S. side lot 7, Blk. 5; P. 5360, A.M.	630.5'	E.	
Riverdale Ave.	10th St. S.W., in front of Block D.	W. to W. side Lot 19, Blk. 4; Plan 4078 U	465'	S.	
<u>Bylaw No. 2750</u>					
Riverdale Ave.	6A Street W.	7th St. in front of Blk. 3; Plan 6153, AC	276'	S.	276 Riverdale Ave., 9 ft.
<u>Bylaw No. 2753</u>					
Alexandra Crescent 5th St. N.W.	5th St. N.W. Crescent Road	6A St. N.W. Alexandra Crescent	560' 235'	S. E.	(545-5th St. N.W., 8 ft.) (544 Crescent Rd., 8 ft.)
5th St. N.W. Joliet Avenue	Crescent Road Verecheres St.	Alexandra Crescent 14th St. W.	249' 560'	W. N.	608 Crescent Rd., 9 ft. 1418 Joliet Ave., 8 ft. 1412 Joliet Ave., 18 ft. 1406 Joliet Ave., 14 ft. 1404 Joliet Ave., 14 ft.

42

RECORD OF WORK COMMENCED UNDER LOCAL IMPROVEMENT (BOULEVARD) BYLAW 1931 (Incomplete)

Location	From	To	Estimated Cost	Expended 1931	Estimated Cost to Complete
Carleton St.	Prospect Ave.	12th St. S.W.	360.57	217.21	194.34
12th St. & Carleton St.	Frontenac Ave.	N. Westerly to N.W. of existing blvd.	441.07	159.08	203.83
1st St. S.W.	50th Ave. S.W.	N. to S. side lot 7 <sup>th</sup> , Blk. 5, P. 5360 A.M.	445.41	235.14	229.96
Riverdale Ave.	10th St. S.W. in front of Blk. D.	West to W. side of Lot 19 <sup>th</sup> , Blk. 4	430.05	147.84	168.46
			<u>1315.67</u>	<u>658.04</u>	<u>4929.23</u>
<u>Bylaw No. 2750</u>					
Riverdale Ave.	6A Street West	7th St., in front of Blk. 3, P. 6153; A.C.	179.41	87.84	88.29
<u>Bylaw No. 2753</u>					
Alexandra Crescent	5th St. N.W.	6A St. N.W.	356.80	108.12	136.60
5th St. N.W.	Crescent Road	Alexandra Crescent	149.40	120.91	39.59
5th St. N.W.	Crescent Road	Alexandra Crescent	158.87	115.28	43.97
Joliet Ave.	Verecheres St.	14th St. W.	356.80	179.86	147.36
			<u>1021.87</u>	<u>524.17</u>	<u>367.52</u>

REVENUE STATEMENT 1931

STATEMENT OF RECEIPTS OTHER THAN APPROPRIATION

	<u>Estimated</u>	<u>Received</u>	<u>Totals</u>
<b>Cemetery Fees:-</b>			
Sale of grave lots, Union )		31.60	
Sale of grave lots, Burnsland)	1500.00	<u>1048.00</u>	1079.60
Grave digging, Union )		1012.00	
Grave digging, Burnsland)	5500.00	<u>4407.00</u>	5419.00
Grave mtce. & improvements, Union )		1100.65	
Grave mtce. & improvements, Burnsland)	2500.00	<u>1205.90</u>	2306.55
Grave repairs, Union )		112.00	
Grave repairs, Burnsland)	160.00	<u>70.00</u>	182.00
Monument Permits, Union )		49.00	
Monument Permits, Burnsland)	150.00	<u>106.00</u>	155.00
Vault Fees	30.00	<u>18.00</u>	18.00
Dis. & reinterment, Union )		52.00	
Dis. & reinterment, Burnsland)	100.00	<u>26.00</u>	78.00
Holiday charges, Burnsland	10.00	<u>110.00</u>	10.00
<b>Perpetual Care Fund Interest (Credited to Appn.)</b>			
5% on \$82,996.46 for one year		4149.82	
5% on 1931 payments from date of receipt		<u>264.10</u>	4413.92
<b>Golf Course:-</b>			
Season Tickets )		1576.00	
Green Fees )		3188.75	
Locker Rents )	5500.00	<u>29.00</u>	4793.75
Beverages	5000.00	<u>4908.00</u>	4908.00
<b>Concessions:0</b>			
St. George's Island )		800.00	
Hillhurst Park )	635.00	<u>15.00</u>	815.00
<b>Skating Rinks:-</b>			
Hillhurst )		794.22	
Mewata )		336.65	
Elbow Park )		186.45	
Mt. Pleasant)	900.00	<u>34.55</u>	1351.87
Flooding Rinks (credited to appn.)	25.00	<u>23.30</u>	23.30
Sale of Surplus Nursery Stock	500.00	<u>310.91</u>	310.91
Municipal Cricket Club, improvements to grounds		<u>20.00</u>	20.00
Percentage of Gate Receipts, Baseball, Football, etc.	2200.00	<u>1140.65</u>	1140.65
Rents from Tennis Courts	100.00	<u>100.00</u>	100.00
Gravel Permits (Credited to Gravel Reserve Account		<u>314.75</u>	314.75
<b>Total Revenue</b>			<u><u>27440.30</u></u>
<b>Cemetery Perpetual Care Trust Fund</b>			
On hand December 31st 1930		82996.46	
Received 1931		<u>11577.00</u>	
Total to date		<u><u>94573.46</u></u>	

COMPLETE STATEMENT OF EXPENDITURE 1931

45

Location	Appropriation	Expended from Appropriation	Expended from Bylaw No. 2411	Expended from Bylaw No. 1297	Expended from Commissioners Contingent Fund	Expended from Bylaws No. 2734, 2750, & 2753.
St. George's Island, Maintenance	4000.00	4653.87				
" " " Clearing brush						
" " " gravelling roads						
" " " hauling gravel						
" " " improvements to Zoo						
Riley Park, general maintenance	3500.00	3344.49				
" " " gravelling roads						
" " " paving swimming pool						
Crescent Park, maintenance	1000.00	995.70				
" " " digging borders						
" " " ploughing					45.00	
South Mt. Royal Park, maintenance	400.00	460.56				
" " " loaming park						
" " " hauling loam						
" " " grading & loaming					265.50	
" " " trees and shrubs			254.26			
Killarney Park, maintenance	200.00	131.04				
" " " grading						
Mt. Pleasant Park, maintenance	400.00	229.94				
" " " Rotary Playground		358.73				
" " " " grading						
" " " " grading,						
" " " " fencing, and curbing Wading Pool						
Elbow Boulevard Park, maintenance	500.00	641.10				
" " " river bank repairs						
" " " trees and shrubs			79.51			

Expended from  
Gravel Reserve Acct.

Expended by  
Rotary Club

Expended by  
Engineer's Dept.

COMPLETE STATEMENT OF EXPENDITURE 1931

Expended by  
Zoological Soc.

Expended from  
Special Relief

Total Expenditure

Location

Expended from Gravel Reserve Acct.	Expended by Rotary Club	Expended by Engineer's Dept.	Expended by Zoological Soc.	Expended from Special Relief	Total Expenditure	Location
500.00						St. George's Island, maintenance
			391.38			" " ; clearing brush
			55.98			" " ; gravelling roads
			95.00			" " ; hauling gravel
			2525.75		8221.98	" " ; improvements to Zoo
						Riley Park, general maintenance
			1061.62			" " ; gravelling roads
	5993.73				10399.84	" " ; paving swimming pool
				81.30		Crescent Park, maintenance
					1122.00	" " ; digging borders
						" " ; ploughing
				58.24		South Mt. Royal Park, maintenance
				537.50		" " ; loaming park
						" " ; hauling loam
					1596.10	" " ; grading & loaming
						" " ; trees & shrubs
						Killarney Park, maintenance
			22.16		153.20	" " ; grading
						Mt. Pleasant Park, maintenance
						" " ; Rotary Playground
			618.72			" " ; " " ; grading
						" " ; " " ; grading;
5087.00					6294.39	fencing; & curbing wading pool
						Elbow Blvd. Park, maintenance
			33.82			" " ; river bank repairs
					754.43	" " ; trees and shrubs

COMPLETE STATEMENT OF EXPENDITURE 1931 (Cont'd)

Location	Appropriation	Expended from Appropriation	Expended from Bylaw No. 2411	Expended from Bylaw No. 1297	Expended from Commissioners' Contingent Fund	Expended from Bylaws No. 2734, 2750, & 2753
Ogden Park, maintenance & improvements; grading; planting trees; fencing; skating rinks; grading baseball fields, running track, & tennis courts.	200.00	88.22				
Memorial Park, maintenance	2500.00	2485.89				
" , paving around South African War Memorial					74.24	
Tompkins Gardens, maintenance & improvements	150.00	169.05				
" " , trees and shrubs			32.55			
Centre Street Cut, maintenance & " , mowing, mulching, etc.	100.00	238.76				
Rosevale Park, maintenance & improvements	100.00	104.40				
" " , filling depression & grading						
34th Avenue Cut bank, grading and planting		50.15				
Sunalta Park, reconstructing fence	150.00	111.75				
Triangle Park, maintenance	100.00	30.54				
" " , grading and loaming						
Tuxedo Park, maintenance	100.00	82.10				
" " , cultivating borders						
Capitol Hill Park, maintenance	100.00	200.56				
" " " , cutting grass						
Millican Park, reconstructing dam	50.00	37.51				
Bankview Gardens, maintenance	50.00	38.51				
Plot on Riverdale Avenue, maintenance	10.00	8.83				
Hillhurst Bridge, maintenance	100.00	74.18				
" " , grading						
Hillhurst Triangle, maintenance	50.00	27.75				
Rosedale Avenue Plot, maintenance	10.00	8.20				
Sundry Plots at intersections		32.61				

47

COMPLETE STATEMENT OF EXPENDITURE 1931 (Cont'd)

Expended from Gravel Reserve Account	Expended by Rotary Club	Expended by Engineer's Dept.	Expended by Zoological Society	Expended from Special Relief	Total Expenditure	Location
				255.29	343.51	Ogden Park, maintenance & improvements; grading; planting trees; fencing skating rinks; grading baseball fields, running track and tennis courts.
				42.64	2602.77	Memorial Park, maintenance " " , paving around South African War Memorial
					201.60	Tompkins Gardens, maintenance & improvements " " , trees and shrubs
				13.00	251.76	Centre Street Cut, maintenance & improvements " " " , mowing, mulching, etc.
				11.30	115.70	Rosevale Park, maintenance & improvements " " , filling depression & grading
					50.15	34th Avenue Cut Bank, grading and planting
					111.75	Sunalta Park, reconstructing fence
				935.01	965.55	Triangle Park, maintenance " " , grading and loaming
				46.07	128.17	Tuxedo Park, maintenance " " , cultivating borders
				14.80	215.36	Capitol Hill Park, maintenance " " " , cutting grass
					37.51	Millican Park, reconstructing dam
					38.51	Bankview Gardens, maintenance
					8.83	Plot on Riverdale Avenue, maintenance
				27.21	101.39	Hillhurst bridge, maintenance " " , grading
					27.75	Hillhurst Triangle, maintenance
					8.20	Rosedale Avenue Plot, maintenance
					32.61	Sundry Plots at Intersections

COMPLETE STATEMENT OF EXPENDITURE 1931 (Cont'd)

Location	Appropriation	Expended from Appropriation	Expended from Bylaw No. 2411	Expended from Bylaw No. 1297	Expended from Commissioners' Contingent Fund	Expended from Bylaws No. 2734, 2750, & 2753
Roxboro Park; clearing brush		7.80				
Tallon Avenue Gardens; improvements to		31.04				
" " " , loaming & building rockery						
" " " , hauling loam and rocks					30.00	
Mission Park; mulching banks		17.32				
City Hall Gardens; maintenance	450.00	345.21				
" " " , removing turf & soil						
" " " , new fence; extension			99.45			
R.N.W.M. Police Memorial; maintenance		9.08				
Garden Crescent; maintenance		104.51				
" " " , cultivating, etc.						
Elbow Swimming Pool Grounds	200.00	163.13				
" " " " , erecting Comfort Station				1291.09		
Golf; maintenance	9600.00	9083.06				
" , constructing basement to Club House; new water main and sewer; gravelling road, and extending parking space						
Mewata Park; maintenance & improvements	1500.00	1952.48				
" Stadium, " " " " "	2000.00	1435.88				
" Grandstand; bleachers, race track; grading						
" Storage building, etc.					217.94	
Hillhurst Park; maintenance and improvements	3000.00	2058.21				
" " , building fence						
Playgrounds; maintenance & improvements	3200.00	2960.15				
" " ; grading new sites						
" " , levelling Roxboro playground					0.30	

49



COMPLETE STATEMENT OF EXPENDITURE 1931 (Cont'd)

Expended from Gravel Reserve Account	Expended by Rotary Club	Expended by Engineer's Dept.	Expended by Zoological Society	Expended from Special Relief	Total Expenditure	Location
					7.80	Roxboro Park; clearing brush
			79.27			Tallon Avenue Gardens; improvements to
			235.87		376.18	" " " ; loaming & bldg. rockery
					17.32	" " " ; hauling loam & rocks
						Mission Park; mulching banks
						City Hall Gardens; maintenance
			86.20			" " " ; removing turf & soil
					530.86	" " " ; new fence; extension
					9.08	R.N.W.M. Police Memorial; maintenance
						Garden Crescent; maintenance
			6.10		110.61	" " ; cultivating, etc.
					1454.22	Elbow Swimming Pool Grounds
						" " " " , erecting
						Comfort Station
						Golf; maintenance
						" , construction basement to Clubhouse;
						new water main and sewer;
						gravelling road, and extending
			1201.09		10284.15	parking space
						Mewata Park; maintenance & improvements
						" Stadium; " " "
						" Grandstand; bleachers; race
			7079.61			track; grading
					10685.91	" Storage building, etc.
						Hillhurst Park; maintenance & improvements
			111.00		2169.21	" " , building fence
						Playgrounds; maintenance & improvements
			123.82			" ; grading new sites
					3092.27	" ; levelling Roxboro Playground
						R

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COMPLETE STATEMENT OF EXPENDITURE 1931 (Cont'd)

Location	Appropriation	Expended from Appropriation	Expended from Bylaw No. 2411	Expended from Bylaw No. 1297	Expended from Commissioners' Contingent Fund	Expended from Bylaws 2734, 2750, 2753.
Rinks, construction and maintenance	3000.00	3409.30				
" , water	420.00	420.00				
" , grading, flooding, etc.						
Athletics, maintenance	200.00	281.60				
" , Parkhill Football Ground, grading						
" , Manchester " " "					34.20	
" , South Calgary " " "					12.20	
" , Richmond Park " " "					23.80	
Band Concerts	636.00	636.00				
Boulevards, general	11000.00	10495.97				
" , hauling loam for renovation						
" , removing trees, 38th Ave.W.					24.40	
" , Suspense Account to complete 1930 Construction Work;-	3963.52	3963.52				
" , Grading, planting, etc.,						
" , Construction, Local Improvement Bylaws						7270.05
Memorial Drive, maintenance & improvements	1000.00	993.34				
" " , grading and loaming						
Cemeteries, Maintenance & improvements	20000.00	19406.24				
" , grading & gravelling new roads, loaming, mowing, etc.						
" , Hauling loam & gravel,						
" , building new roads,						
" , extending water service			2065.04			

57  
1-1

COMPLETE STATEMENT OF EXPENDITURE 1931 (Cont'd)

Expended from Gravel Reserve Account	Expended by Rotary Club	Expended by Engineer's Dept.	Expended by Zoological Society	Expended from Special Relief	Total Expenditure	Location
						Rinks, construction and maintenance
						" , water
				607.48	4436.78	" , grading, flooding, etc.
				184.06		Athletics, maintenance
				35.83		" , Parkhill Football Ground, grading
				77.34		" , Manchester " " "
						" , South Calgary " " "
					649.03	" , Richmond Park " " "
					636.00	Band Concerts
				31.25		Boulevards, general
					10551.62	" , hauling loam for renovation
						" , removing trees, 38th Ave. W.
						" , Suspense Account to Complete 1930 Construction Work.
				919.84	4883.36	" , grading, planting, etc.
					7270.05	" , Improvement Bylaws
				121.88	1115.22	Memorial Drive, maintenance & improvements
						" , grading and loaming
						Cemeteries, maintenance & improvements
				1672.39		" , grading and gravelling
				497.25		" , new roads, loaming, mowing, etc.
						" , hauling loam and gravel
						" , building new roads
					23640.92	" , extending water service

22  
15

COMPLETE STATEMENT OF EXPENDITURE 1931 (Cont'd)

Location	Appropriation	Expended from Appropriation	Expended from Bylaw No. 2411	Expended from Bylaw No. 1297	Expended from Commissioners' Contingent Fund	Expended from Bylaws No. 2734, 2750, 2753
Queens Park Cemetery Site, constructing road and bridge	1500.00	1406.01				
Nurseries, maintenance	3000.00	2957.68				
Greenhouse, plants for floral display	2000.00	2000.00				
Salaries, Superintendent		(2949.96)				
" , Foreman		(1920.00)				
" , Bookkeeper		(1620.00)				
" , Stenographer		(1140.00)				
" , Patrolman	9049.96	(1440.00)				
Stationery and printing	450.00	810.30				
Maintenance of Tools, general	1550.00	1655.81				
" " " , tools required for relief labor						
Auto Maintenance & Depreciation	4000.00	4125.37				
Water	3000.00	3000.00				
Sundries	3250.00	2549.15				
New Equipment	608.34	542.00				
	<u>102347.82</u>	<u>100474.58</u>	<u>2530.83</u>	<u>1291.09</u>	<u>755.58</u>	<u>7270.05</u>

67  
69

COMPLETE STATEMENT OF EXPENDITURE 1931 (Cont'd)

Expended from Gravel Reserve Account	Expended by Rotary Club	Expended by Engineer's Department	Expended by Zoological Society	Expended from Special Relief	Total Expenditure	Location
					1406.01	Queens Park Cemetery Site; constructing road and bridge
					2957.68	Nurseries; maintenance
					2000.00	Greenhouse; plants for floral display
						Salaries; (Superintendent
						" (Foreman
						" (Bookkeeper
						" (Stenographer
					9049.96	" (Patrolman
					810.30	Stationery and Printing
						Maintenance of Tools; general
			251.99		1907.80	" " " , tools required for relief labor
					4125.37	Auto Maintenance and Depreciation
					3000.00	Water
					2549.15	Sundries
					542.00	New Equipment
<u>500.00</u>	<u>5087.00</u>	<u>5993.73</u>	<u>2525.75</u>	<u>17623.31</u>	<u>144051.92</u>	

In addition to the above 255,090 man power hours of relief labor was used which, valued at fifty cents (.50¢) per hour, amounts to \$ 127,545.00.

-- STATEMENT IN DETAIL OF GROSS EXPENDITURE 1931 --

<u>ST. GEORGE'S ISLAND</u>	<u>Labor</u>	<u>Material</u>	<u>Total</u>
Appropriation			4000.00
Gravel Reserve			<u>500.00</u>
			<u>4500.00</u>
Trees & shrubs, planting	65.86		65.86
" " , pruning	21.26		21.26
" " , watering	22.16	2.37	24.53
" " , cultivating	95.45		95.45
Stock, trees and shrubs		46.22	46.22
" , seeds		23.36	23.36
" , bulbs		160.84	160.84
Flower beds, mtce.	334.73		334.73
Lawns, maintenance	386.80	3.03	389.83
" , fertilizer	67.22	174.00	241.22
Driveways & paths, grading	52.50		52.50
" " , gravelling	216.31		216.31
" " , Dowflaking	270.00	90.00	360.00
Refuse removal	16.01		16.01
Buildings, repairs & painting	34.30	5.28	39.58
" , general maintenance	70.26	24.38	94.64
Fences, repairs	32.53	12.00	44.53
Park furniture, repairs & painting	35.97	2.93	38.90
Signs	50.88	4.02	54.90
Water Service, maintenance	34.66	31.89	66.55
" " , extensions	95.00	197.06	292.06
Electric Light, lighting, general		98.48	98.48
" " , Flood light equipment	27.06		27.06
Checking gravel permits	38.00		38.00
Picnics	35.46		35.46
Police Duty	4.32		4.32
Holidays	34.12		34.12
Sanitary supplies		<u>11.84</u>	<u>11.84</u>
Sub-total	<u>2040.86</u>	<u>887.70</u>	<u>2928.56</u>
<u>Zoo</u>			
Maintenance, attendant's salary	1611.34		1611.34
" , feed		396.84	396.84
Fuel		8.77	8.77
Pens and cages, repairs	10.71	1.35	12.06
New fence to deer pen	6.16	5.00	11.16
Constructing racoon pen	2.50		2.50
Alterations to sheep paddock	17.96	6.27	24.23
Laying drain to duck pond	15.00	9.78	24.78
New Specimens		<u>133.63</u>	<u>133.63</u>
Sub-total	<u>1663.67</u>	<u>561.64</u>	<u>2225.31</u>
Expended From Appropriation	<u>3704.53</u>	<u>1449.34</u>	<u>5153.87</u>

ST. GEORGE'S ISLAND (Cont'd)

The following additional expenditures were made:-

<u>Special Relief Account</u>		
Supervision of men clearing brush, etc.		391.38
" " " gravelling roads		55.98
Hauling gravel		95.00
21,713 man power hours of Relief Work, valued at	50¢ per hr.	10856.50
1,868 man power hours of Relief Labor (Zoo)		934.00
Expended by Calgary Zoological Society:- (Including grant of \$800.00 made by City)		2525.75

<u>RILEY PARK</u>	<u>Labor</u>	<u>Material</u>	<u>Total</u>
Appropriation			<u>3500.00</u>
Trees and shrubs, planting	101.36		101.36
" " " cultivating	127.07		127.07
" " " watering	109.87		109.87
" " " pruning & dressing	634.57		634.57
Stock, shrubs		16.03	16.03
" plants		44.74	44.74
" bulbs		69.60	69.60
" seeds		60.96	60.96
Flower beds, planting and maintenance	356.76		356.76
Rockery (completing)	42.80		42.80
Lawns, maintenance	348.95	226.27	575.22
" , fertilizing	126.91	112.39	239.30
Refuse removal	48.96		48.96
Driveways and paths, gravelling	210.11		210.11
Constructing new entrance & path	15.70	31.16	46.86
Buildings, mtce. & repairs	18.50		18.50
Fences	80.36	7.70	88.06
Park furniture, signs, etc.	17.62		17.62
Water Service, maintenance	34.07	61.12	95.19
" " , extensions	18.80	15.98	34.78
Wading Pool	246.81	13.63	260.44
Drafting	78.75	2.94	81.69
Holidays	62.00		62.00
Miscellaneous		2.00	2.00
Expended <del>Total</del> Appropriation	<u>2679.97</u>	<u>664.52</u>	<u>3344.49</u>

Additional Expenditures:-

<u>Special Relief Account</u>		
Supervising labor & hauling gravel for driveway		1061.62
Paving Swimming Pool (Expended by Engineer's Dept.)		5993.73
14,600 man power hours of Relief labor, valued @ 50¢		7300.00

<u>CRESCENT PARK</u>	<u>Labor</u>	<u>Material</u>	<u>Total</u>
Appropriation			<u>1000.00</u>
Trees & shrubs, planting	39.00		39.00
" " pruning	150.25		150.25
" " cultivating	443.02		443.02
" " watering & staking	27.72		27.72
Stock, trees		268.84	268.84
" seeds		19.82	19.82
Weed cutting	6.82		6.82
Fencing repairs	10.40		10.40
Refuse removal	18.16		18.16
Water Service, maintenance	<u>11.67</u>		<u>11.67</u>
Expended from Appropriation	<u>707.04</u>	<u>288.66</u>	<u>995.70</u>

Additional Expenditures:-

<u>Special Relief Acct.</u>			
Supervising Relief Labor, digging borders			81.30
2028 hours of relief labor, valued at 50¢			1014.00
<u>Commissioners Contingent Acct.</u>			
Ploughing, etc.			45.00

SOUTH MT. ROYAL PARK

Appropriation			<u>400.00</u>
Trees & shrubs, planting, cultivating, etc.	22.50		22.50
Stock trees		15.71	15.71
" shrubs		66.95	66.95
Loaming	<u>71.76</u>		71.76
Fertilizer	25.50	252.25	277.75
Refuse removal	.91		.91
Holidays	<u>5.00</u>		<u>5.00</u>
Expended from Appropriation	<u>125.67</u>	<u>334.91</u>	<u>460.58</u>

Additional Expenditures:-

<u>Special Relief Acct.</u>			
Supervising relief labor, loaming park			58.24
Trucks, hauling loam			537.50
13,272 hours relief labor valued at 50¢			6636.00
<u>Commissioner's Contingent Acct.</u>			
Grading and hauling loam			285.30
<u>Bylaw No. 2411</u>			
Trees and shrubs			254.28



<u>KILLARNEY PARK</u>	<u>Labor</u>	<u>Material</u>	<u>Total</u>
Appropriation			<u>200.00</u>
Trees & shrubs, planting, pruning, cultivating, etc.	43.04		43.04
" " fertilizer		75.00	75.00
Holidays	<u>13.00</u>		<u>13.00</u>
Expended from Appropriation	<u>56.04</u>	<u>75.00</u>	<u>131.04</u>
<u>Additional Expenditures:-</u>			
Supervision of labor, grading, cultivating 1112 hours of relief labor, valued at 50¢			22.16
			<u>556.60</u>

<u>MOUNT PLEASANT PARK</u>			<u>440.00</u>
Appropriation			<u>440.00</u>
<u>Mount Pleasant Park</u>			
Trees and shrubs, pruning	34.03		34.03
" " cultivating	18.20		18.20
Seeds		13.48	13.48
Lawns, maintenance	20.29		20.29
Fertilizer	5.20	52.50	57.70
Roads and paths	36.40	20.75	57.15
Flower borders	5.20		5.20
Refuse removal	16.32		16.32
Water service, maintenance	<u>7.57</u>		<u>7.57</u>
Expended from Appropriation	<u>243.21</u>	<u>86.73</u>	<u>229.94</u>
<u>Rotary Playground</u>			
Trees and shrubs, planting	58.62		58.62
" " staking	6.42		6.42
" " watering	12.90		12.90
Stock, trees		95.26	95.26
" shrubs		74.69	74.69
Plans	<u>110.84</u>		<u>110.84</u>
Expended from Appropriation	<u>188.78</u>	<u>169.95</u>	<u>358.73</u>
Total	<u>331.99</u>	<u>256.68</u>	<u>588.67</u>

Additional Expenditures:-

<u>Special Relief Account</u>		
Supervision of labor, grading Rotary Recreation Ground 13,528 hours of relief labor, valued at 50¢		618.72
		<u>6764.00</u>
<u>Rotary Club, (Expended by)</u>		
Grading, fencing, curbing, wading pool		5087.00

<u>ELBOW BOULEVARD PARK</u>	<u>Labor</u>	<u>Material</u>	<u>Total</u>
Appropriation			<u>500.00</u>
Trees & shrubs, pruning & treating	48.16		48.16
" " cultivating	41.41		41.41
" " watering	23.66		23.66
Flower beds, cultivating	148.10		148.10
Lawns, mowing	153.16	8.69	161.85
" watering	14.21		14.21
" re-seeding	14.74		14.74
" fertilizing	50.70	24.00	74.70
Paths, new	7.45		7.45
" constructing new walk along river bank	16.90		16.90
Refuse removal	35.40		35.40
Park furniture, making rustic seats	4.60		4.60
Water Service, maintenance	11.81	9.51	21.32
Holidays	28.60		28.60
Expended from Appropriation	<u>598.90</u>	<u>42.20</u>	<u>641.10</u>

Additional Expenditures:-

<u>Special Relief Account</u>			
Supervising labor, river bank repairs			33.82
664 hours of relief labor valued at 50¢			332.00
<u>Park Bylaw No. 2411</u>			
Purchase of trees and shrubs			79.51

<u>MEMORIAL PARK</u>			<u>2500.00</u>
Appropriation			<u>2500.00</u>
Trees & shrubs, planting	34.18		34.18
" " pruning & staking	144.00		144.00
" " cultivating	120.58		120.58
" " watering	67.70		67.70
" " removing crowded trees	27.30		27.30
Stock, trees		6.95	6.95
" plants		64.33	64.33
" shrubs		30.00	30.00
" bulbs		51.65	51.65
" seeds		13.54	13.54
Flower beds, cultivating	341.68		341.68
" " watering	101.61		101.61
Lawns, mowing	377.09	106.13	483.22
" watering	39.50		39.50
" fertilizing	128.97	100.50	229.47
" winter barricades	16.20		16.20
Paths, maintenance	64.31	49.41	113.72
" snow removal	3.30		3.30
" crushed brick, surfacing with	14.85	12.00	26.85
Concrete crossing on 4th St. W.	14.85		14.85
Buildings, general maintenance	25.11	8.87	33.98

<u>MEMORIAL PARK (Cont'd)</u>	<u>Labor</u>	<u>Material</u>	<u>Total</u>
Park furniture & equipment:-			
Signs	4.35		4.35
First Aid Kit		14.42	14.42
Stationery		14.00	14.00
Water Service maintenance	38.70	153.94	192.64
"    "    extensions	57.62		57.62
Refuse removal	49.10	9.31	58.41
Electric Light, Cenotaph, park & Service buildings		86.09	86.09
Holidays	<u>108.60</u>		<u>108.60</u>
Expended from Appropriation	<u>1776.75</u>	<u>709.14</u>	<u>2485.89</u>

Additional Expenditures:-

<u>Special Relief Account</u>			
Supervising labor			42.64
3,737 hours of relief labor valued at 50¢			1868.50
<u>Commissioner's Contingent Fund.</u>			
Wooden curbing			74.24
Paving around S.African War Memorial			

OGDEN PARK

Appropriation			<u>200.00</u>
Trees and shrubs, pruning	5.20		5.20
"    "    fertilizing		75.00	75.00
Water service, maintenance	.73		.73
Miscellaneous	<u>7.29</u>		<u>7.29</u>
Expended from Appropriation	<u>13.22</u>	<u>75.00</u>	<u>88.22</u>

Additional Expenditures:-

<u>Special Relief Account</u>			
Supervision of Relief Labor, planting, cultivating tree borders, improving water service, filling excavation, building hockey and skating rinks, fencing, grading, baseball and football fields, running track, and tennis courts.....			255.29
Relief labor, 9,793 man power hours valued at 50¢			4896.50

TOMPKINS PARK

Appropriation			<u>150.00</u>
Trees and shrubs, pruning	26.42		26.42
"    "    watering	15.58		15.58
Stock, plants		38.09	38.09
"    seeds		20.09	20.09
Flower beds, maintenance	3.21		3.21
Lawns, maintenance	47.52		47.52
Refuse removal	<u>10.20</u>		<u>10.20</u>

<u>TOMPKINS PARK (Cont'd)</u>	<u>Labor</u>	<u>Material</u>	<u>Total</u>
Park furniture and signs	5.23		5.23
Water service, maintenance	<u>2.71</u>		<u>2.71</u>
Expended from Appropriation	<u>110.87</u>	<u>58.18</u>	<u>169.05</u>

Additional Expenditures:-

<u>Bylaw No. 2411</u> Trees and shrubs			32.55
<u>Relief Labor</u> 99 hours of relief labor valued at 50¢			49.50

SUNDRY PLOTS

Appropriation			<u>20.00</u>
<u>Centre Street Cut</u> Appropriation			<u>100.00</u>
Trees & shrubs, planting, cultivating, & watering	110.08		110.08
Planting willow cuttings	20.46		20.46
Grading paths	21.18		21.18
Grading bank	25.46		25.46
Mulching bank		25.50	25.50
Cutting rough grass	23.76		23.76
Mulching	2.16		2.16
Refuse removal	<u>10.16</u>		<u>10.16</u>
	213.26	25.50	238.76
<u>Rosevale Park</u> Appro.			<u>100.00</u>
Trees & shrubs, pruning, cultivating, and watering	68.92		68.92
Cutting grass	3.21		3.21
Fencing	6.16	3.61	9.77
Fertilizer		<u>22.50</u>	<u>22.50</u>
	<u>78.29</u>	<u>26.11</u>	<u>104.40</u>
<u>34th Avenue Cut Bank</u>			
Grading and planting	50.15		50.15
<u>Sunalta Park</u> Appro.			<u>150.00</u>
Trees and shrubs, pruning, cultivating, and watering	24.51		24.51
Tennis courts, reconstructing fence	<u>83.33</u>	<u>3.91</u>	<u>87.24</u>
	107.84	<u>3.91</u>	<u>111.75</u>
<u>Triangle Park</u> Appro.			<u>100.00</u>
Trees and shrubs, watering	8.40		8.40
Lawns, mowing	14.98		14.98
" reseeding	<u>7.16</u>		<u>7.16</u>
	<u>30.54</u>		<u>30.54</u>

<u>SUNDRY PLOTS (Cont'd)</u>	<u>Labor</u>	<u>Material</u>	<u>Total</u>
<u>Tuxedo Park</u> Appro.			<u>100.00</u>
Trees & shrubs, planting, watering and cultivating	61.02	12.46	73.48
Refuse removal	8.62		8.62
	<u>69.64</u>	<u>12.46</u>	<u>82.10</u>
 <u>Capitol Hill Park</u> Appro.			<u>100.00</u>
Trees & shrubs, planting, pruning, cultivating, and watering	153.21		153.21
Grass, cutting	9.60		9.60
Fencing, new	2.60	21.51	24.11
Refuse removal	2.50		2.50
Water service, maintenance	7.46	3.68	11.14
	<u>175.37</u>	<u>25.19</u>	<u>200.56</u>
 <u>Millican Park</u> Appro.			<u>50.00</u>
Reconstructing dam	37.51		37.51
 <u>Bankview Gardens</u> Appro.			<u>50.00</u>
Trees & shrubs, planting, cultivating, and watering	32.51	6.00	38.51
 <u>Plot on Riverdale Ave.</u> Appro.			<u>10.00</u>
Fertilizing	5.83	3.00	8.83
 <u>Hillhurst Bridge Approaches</u> Appro.			<u>100.00</u>
Trees, planting	6.28	20.00	26.28
Lawn maintenance	6.48		6.48
Watering	9.52		9.52
Fertilizing	16.90	15.00	31.90
	<u>39.18</u>	<u>35.00</u>	<u>74.18</u>
 <u>Hillhurst Triangle</u> Appro.			<u>50.00</u>
Trees, planting and watering	8.64	10.00	18.64
Weeding	9.11		9.11
	<u>17.75</u>	<u>10.00</u>	<u>27.75</u>
 <u>Rosedale Avenue Plot</u> Appro.			<u>10.00</u>
Amount Spent	5.20	3.00	8.20
 Sundry Plots at Intersections	32.61		32.61
 <u>Roxboro Park</u>			
Cleaning brush	7.80		7.80
 <u>Tallon Avenue Gardens</u>			
Improvements	31.04		31.04
 <u>Mission Park</u>			
Mulching banks	17.32		17.32
 Expended from Appropriation	<u>951.94</u>	<u>150.17</u>	<u>1102.11</u>

SUNDRY PLOTS (Cont'd)

Additional Expenditures:-

Special Relief Account

Supervision of Labor:-

Centre Street Cut, cutting grass, mulching, etc.	13.00
Capitol Hill Park, cutting grass	14.80
Tuxedo Park, cultivating borders	46.07
Hillhurst Bridge Approaches, grading	27.21
Garden Crescent, cultivating, etc.	6.10

Tallon Avenue Garden, loaming & building rockery	79.27
Rosvale Park, filling depression & grading	11.30

Hire of Trucks:-

Tallon Avenue Garden, loaming & hauling rocks	235.87
Triangle Park, trucks, grading	139.40
" " " loaming	636.61
" " " supervision, relief labor, grading and loaming	159.00

Commissioners Contingent Fund.

Hire of trucks, Tallon Ave. Garden, loaming, etc.	30.00
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Relief Labor valued at 50¢ per hour.

12,762 hours of misc. labor on Sundry Plots	6381.00
472 hours, Mission Park, cleaning undergrowth	236.00
338 hours, Rideau Park, cleaning undergrowth	169.00
2762 hours, Roxboro Park, cleaning undergrowth, grading, etc.	51.50
438 hours, 34th Avenue Cut, improvements	219.00
883 hours, Triangle Park, loaming	441.50

CITY HALL GARDENS

	<u>Labor</u>	<u>Material</u>	<u>Total</u>
Appropriation			450.00
Flower beds	19.10		19.10
Bulbs		25.00	25.00
Lawns, mowing & maintenance	43.71		43.71
" weed killer, experiment with		1.11	1.11
" fertilizing		9.00	9.00
" removing turf	48.66		48.66
Refuse removal	2.60		2.60
Water service, maintenance	1.85		1.85
Fencing, new	4.90	133.38	138.28
Holidays	55.90		55.90
Expended from Appropriation	176.72	168.49	345.21

Additional Expenditures:-

Special Relief Account

Supervision of Relief Labor, City Hall Gardens, Removing turf and soil	86.20
601 hours, relief labor valued at 50¢, remaking lawn	300.50

Pylaw No. 2411

New fence, extension of	99.45
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ROYAL NORTH WEST MOUNTED POLICE MEMORIAL

	<u>Labor</u>	<u>Material</u>	<u>Total</u>
Lawns, mowing	8.00		8.00
" watering	<u>1.08</u>		<u>1.08</u>
Total	9.08		<u>9.08</u>

GARDEN CRESCENT

Trees and shrubs, pruning, etc.	99.51		99.51
Refuse removal	<u>5.00</u>		<u>5.00</u>
Expended from Appropriation	<u>104.51</u>		<u>104.51</u>

ELBOW SWIMMING POOL GROUNDS

Appropriation			<u>200.00</u>
Trees and shrubs, pruning	44.07		44.07
" " cultivating	18.45		18.45
" " watering	5.30		5.30
Lawn, mowing	19.23		19.23
" fertilizer		22.50	22.50
Paths, new	8.41		8.41
Buildings, (mtce. and repairs)	16.90	4.12	21.02
Refuse removal	2.60		2.60
Cleaning swimming pool	7.80		7.80
Placing and removing boom	<u>11.40</u>	<u>2.35</u>	<u>13.75</u>
Expended from Appropriation	<u>134.16</u>	<u>28.97</u>	<u>163.13</u>

Additional Expenditures:-

<u>Bylaw No. 1297</u>			
Erecting Comfort Station			1291.09
<u>Special Relief Account</u>			
442 hours of relief labor, valued at 50¢, general			221.00
976 hours of relief labor, valued at 50¢, Comfort Stat.			438.00

SHAGANAPPI PARK, MUNICIPAL GOLF COURSE

	<u>Labor</u>	<u>Material</u>	<u>Total</u>
Appropriation			<u>9600.00</u>
<u>Course</u>			
Trees and shrubs, planting	172.34	111.00	283.34
" " pruning and cultivating	45.27		45.27
" " watering	125.80		125.80
Greens, renovation & maintenance	1865.10	353.40	2218.50
Tees, maintenance	222.89	64.89	287.78
" mats, new		108.00	108.00
Fairways, topdressing	81.40	500.00	581.40
" mowing	424.14	28.84	452.98
" bunkers, alterations to	48.30		48.30
Roads, improvements	22.80		22.80
Parking space, improvements	12.00	4.22	16.22
Checking	170.20		170.20
Golf course equipment, new		156.32	156.32
" " " repairs	10.15	18.54	28.69
" " " signs	27.61	.75	28.36
Refuse removal	8.05		8.05
Holidays	114.20		114.20
Water Service, maintenance	47.35	4.77	52.12
" " winter supply	20.00		20.00
			<u>4768.55</u>
<u>Club House</u>			
Repairs	40.30	61.50	101.80
General mtce. and supplies	38.73	156.65	195.38
Beverages		3064.50	3064.50
Stationery		136.82	136.82
Telephone		93.00	93.00
Gas (Heat)		87.77	87.77
Electric Light		114.71	114.71
Stewardess's Salary	500.00		500.00
Car tickets		12.00	12.00
Miscellaneous	8.75		8.75
			<u>4314.78</u>
Expended from Appropriation	<u>4005.38</u>	<u>5077.68</u>	<u>9083.06</u>

Additional Expenditures:-

Special Relief Account

Constructing basement, extending and remodelling kitchen, new water main and sewer, gravelling road, extending parking space.....	1231.09
9,749 hours of relief labor valued at 50%.....	4374.50



MEWATA PARK

	<u>Labor</u>	<u>Material</u>	<u>Total</u>
Appropriation			<u>3500.00</u>
Trees and shrubs, planting	34.52	95.05	129.57
" " pruning	71.87		71.87
" " cultivating	256.12		256.12
" " watering	200.49		200.49
" " staking	41.70		41.70
Stock		25.00	25.00
Lawns, mowing	133.75	40.66	174.41
" watering	31.25		31.25
" fertilizing	92.60	168.00	260.60
Paths, maintenance	21.80		21.80
Refuse removal	114.92		114.92
Buildings, mtce. and repairs	19.10		19.10
Fences, new	43.32	242.81	286.13
" new gates		24.42	24.42
Signs (making)	4.32		4.32
Water service, maintenance	16.33	9.51	25.84
Holidays	142.20		142.20
Stock taking	1.45		1.45
Stationery		13.85	13.85
Football field maintenance	107.44		<u>107.44</u>
			<u>1952.48</u>
<u>Stadium</u>			
Seeding	23.00		23.00
Watering	61.16		61.16
Mowing	102.91	1.28	104.19
Refuse removal	55.00		55.00
Water service, maintenance	16.56	54.13	70.69
" " extension	55.08	199.27	254.35
" " new hose		74.96	74.96
Plans	38.13		38.13
Repairing bleachers	169.94	324.58	494.52
Preparation for Athletic Meet	48.67		48.67
Race track, maintenance	40.11	20.12	60.23
Erecting fence	71.38		71.38
Grandstand foundations	45.80		45.80
Grading	33.80		<u>33.80</u>
			<u>1435.83</u>
Expended from Appropriation	<u>2094.72</u>	<u>1293.64</u>	<u>3388.36</u>

## Additional Expenditures:-

Special Relief Account

Grandstand, bleachers, race track, grading 7079.61

Commissioner's Contingent Account

Storage Building, etc. 217.94

9535 hours of relief labor valued at 50¢, Mewata Park 4767.50  
 210 " " " " " " 50¢, Armouries Plot, Improvements 705.00  
 2456 " " " " " " 50¢, Stadium 1228.00

<u>HILLHURST PARK</u>	<u>Labor</u>	<u>Material</u>	<u>Total</u>
Trees & shrubs, watering, cultivating, and pruning	24.07		24.07
Fertilizer		18.00	18.00
Mowing & cutting rough grass	109.55		109.55
Football field, maintenance	768.93	22.20	791.13
School Sports	9.40		9.40
Buildings, repairs	106.05	46.13	152.18
Fences, painting	38.40	4.94	43.34
" repairs	28.24	19.60	47.84
" psw	28.26	28.30	56.56
Refuse removal	89.78		89.78
bleachers, moving	23.70		23.70
" repairing	74.76		74.76
Park furniture, painting	11.26		11.26
" " signs	2.16		2.16
Water service, maintenance	5.60		5.60
New hose		339.90	339.90
Heating apparatus		59.80	59.80
Gas		46.90	46.90
Electric Light		22.87	22.87
Car tickets		12.00	12.00
Stationery		32.76	32.76
Holidays	83.20		83.20
Stock taking	1.45		1.45
	<u>1404.81</u>	<u>653.40</u>	<u>2058.21</u>

Additional Expenditures:-

<u>Special Relief Account</u>			
Supervision of Relief Labor, building fence, improving football field, etc.			111.00
2263 hours of relief labor, valued at 50¢			1131.50

<u>PLAYGROUNDS</u>	<u>Labor</u>	<u>Material</u>	<u>Total</u>
<u>Appropriation</u>			<u>3200.00</u>
<u>Riverside</u>			
Supervisor's Salary	140.00		
Repairing windows		3.85	
Equipment	18.38	5.67	167.90
<u>St. George's Island</u>			
Supervisor's Salary	140.00		
Equipment	18.38	5.67	164.05
<u>Ogden</u>			
Supervisor's Salary	140.00		
Equipment	19.88	5.67	
Painting shelter	39.75	36.35	241.65
<u>Tuxedo Park</u>			
Supervisor's Salary	140.00		
Equipment	18.37	5.67	164.04

<u>PLAYGROUNDS (Cont'd)</u>	<u>Labor</u>	<u>Material</u>	<u>Total</u>
<u>Crescent Heights</u>			
Supervisor's Salary	140.00		
Equipment	<u>18.37</u>	<u>5.67</u>	<u>164.04</u>
<u>Riley Park</u>			
Supervisor's Salary	140.00		
Equipment	<u>26.69</u>	<u>6.83</u>	<u>173.52</u>
<u>Killarney</u>			
Supervisor's Salary	140.00		
Painting shelter	33.48	16.69	
Equipment	<u>18.28</u>	<u>5.66</u>	<u>214.21</u>
<u>Victoria</u>			
Supervisor's Salary	140.00		
Equipment	<u>18.37</u>	<u>5.67</u>	
Repairing windows		<u>22.60</u>	<u>186.64</u>
<u>Mewata</u>			
Supervisor's Salary	140.00		
Swing repairs	13.09		
Equipment	<u>18.37</u>	<u>5.66</u>	<u>177.12</u>
<u>Roxboro</u>			
Fencing, new	<u>7.50</u>	<u>20.00</u>	<u>27.50</u>
New equipment (not yet erected)		<u>1279.48</u>	<u>1279.48</u>
<b>Expended from Appropriation</b>	<b>1528.91</b>	<b>1431.24</b>	<b>2960.15</b>

(Recapitulation)

Supervisor's Salaries	1260.00		1260.00
Apparatus, new	65.73	393.43	459.16
" repairs and maintenance	195.68	82.07	277.75
Equipment for supervision		908.14	908.14
Repairing broken windows at schools		27.60	27.60
Improvements to new playground sites	<u>7.50</u>	<u>20.00</u>	<u>27.50</u>
Expended from Appropriation	<b>1528.91</b>	<b>1431.24</b>	<b>2960.15</b>

Additional Expenditures:-

<u>Special Relief Account</u>			
Supervision of relief labor:-			
Grading new playground sites			123.82
<u>Commissioner's Contingent Account</u>			
Levelling playground site at Roxboro			9.30
4286 hours of relief labor valued at 50¢			
Grading new playground sites			2143.00

<u>RINKS</u>	<u>Labor</u>	<u>Material</u>	<u>Total</u>
Appropriation			<u>3420.00</u>
<u>Hillhurst</u>			
Hockey rink, construction & mtce.	194.31	13.92	208.23
Skating rink, " "	175.64	19.72	195.36
Checking room attendant	174.44		174.44
Lighting		132.16	132.16
Tickets		9.65	9.65
			<u>719.84</u>
<u>Mowata</u>			
Hockey rink, construction & mtce.	187.51	30.90	218.41
Skating rink, " "	161.95	2.45	164.40
Checking room attendant	280.08		280.08
Installing electric light	8.92	18.00	26.92
Electric Light		117.53	117.53
Fuel		17.28	17.28
Tickets		9.65	9.65
			<u>834.27</u>
<u>Mt. Pleasant</u>			
Rinks, construction & mtce.	109.10	19.72	128.82
Checking room attendant	83.86		83.86
Installing electric light	3.60	5.50	9.10
Electric light		18.00	18.00
Tickets		3.95	3.95
Fuel		9.04	9.04
			<u>252.77</u>
<u>Elbow River</u>			
Maintenance	106.10		106.10
Checking	113.53		113.53
Fuel		17.54	17.54
Tickets		3.95	3.95
			<u>241.12</u>
Manchester	4.22		4.22
Parkhill	8.70		8.70
Roxboro	18.96		18.96
Cliff Street	48.66		48.66
South Calgary Park	18.24		18.24
Mt. Royal	17.02		17.02
Killarney	24.95		24.95
Bankview	16.60		16.60
Sunalta Park	39.58		39.58
17th Ave., 11th St. West	9.21		9.21
16th Ave., 11th St. West	2.46		2.46
St. Stephens	6.16		6.16
13th Ave. & 12th St. West	7.84		7.84
12th Ave. & 17th St. West	29.12		29.12
St. John's School	5.67		5.67
Westmount	15.26		15.26
Bow Valley	33.44		33.44
Capitol Hill	26.29		26.29
St. Joseph's School	5.01		5.01
Balmoral	20.25		20.25
Tuxedo	20.68	32.95	53.63
Sunnyside	26.05		26.05

<u>RINKS (Cont'd)</u>	<u>Labor</u>	<u>Material</u>	<u>Total</u>
Chinese Y.M.C.A.	4.90		4.90
Bridgeland	34.64		34.64
Riverside	28.39		28.39
Alexandra	20.27		20.27
Ramsay Playground	12.56		12.56
St. Anne's School	2.45		2.45
Inglewood	22.24		22.24
Ogden	2.60		2.60
Valleyfield	6.27		6.27
Victoria	18.41		18.41
St. Mary's School	5.01		5.01
East Calgary, 23Ave.16A St.S.E.	30.17		30.17
Rosevale Park	29.16		29.16
5A St. & 18th Ave.	1.23		1.23
Scarboro Avenue	2.77		2.77
Earl Grey	6.49		6.49
13th St.W., & 18th Ave.	4.54		4.54
20th Ave. & 5th St. N.W.	5.18		5.18
5th Ave. & 9th St. N.W.	7.79		7.79
Parkview	5.18		5.18
7th Avenue N.E.	6.50		6.50
10th Ave. & 5th St.N.E.	7.80		7.80
10th Ave. & 1st St.N.E.	7.78		7.78
City Hall Playground	2.60		2.60
24th Ave. & 4th St. N.W.	1.27		1.27
8th St. & 16th Ave. W.	22.87		22.87
Quebec Avenue		26.98	26.98
New hose		395.25	395.25
Lumber (new hockey rinks)	7.93	194.75	202.68
Water for flooding		420.00	420.00
Expended from Appropriation	2310.41	1518.89	3829.30

Additional Expenditures:-

<u>Special Relief Account</u>		
Supervision of relief labor, grading, flooding, cleaning, etc.		607.48
10,298 hours of relief labor, valued at 50¢		5249.00

<u>ATHLETICS</u>	<u>Labor</u>	<u>Material</u>	<u>Total</u>
Appropriation			200.00
South Calgary Football field, mtce.	33.23		33.23
Inglewood, building shelter	43.28	60.26	103.54
" , Making cricket pitch	17.20	16.77	33.97
Y.M.C.A., grading running track	7.60		7.60
Richmond Park, new fence		17.80	17.80
Riley Park, moving cricket pavilion	31.08		31.08
" " work on pitches	38.30	7.44	45.74
" " painting cricket boards	8.64		8.64
Expended from Appropriation	179.33	102.27	281.60

ATHLETICS (Cont'd)

Additional Expenditures:-

Expended from Special Relief Account

Supervision of Relief Labor:-

Parkhill Football Ground, grading	184.06
Manchester Football Ground, "	35.83
South Calgary Football Ground, grading	77.34

Commissioner's Contingent Account

Manchester Football Ground, ploughing	34.20
Richmond Park, levelling, fencing, football ground	23.80
South Calgary Park, ploughing, levelling, football ground	12.20

10460 hours Relief Labor, valued at 50¢, grading Parkhill Football ground	5230.00
160 hours Relief Labor, valued at 50¢ Inglewood Cricket Grounds, improvements	80.00
2834 hours Relief Labor, valued at 50¢ South Calgary Park, grading	1417.00

BAND CONCERTS

	<u>Material</u>	<u>Total</u>
Appropriation		\$ <u>636.00</u>
Shriners Band	212.00	212.00
50th Batt. Band	212.00	212.00
Elks Band	<u>212.00</u>	<u>212.00</u>
Expended from Appropriation	<u>636.00</u>	<u>636.00</u>

BOULEVARDS

	<u>Labor</u>	<u>Material</u>	<u>Total</u>
Appropriation, general			11000.00
" " Suspense Account (to complete 1930 Construction Work)			<u>3963.52</u>
			\$ <u>14963.52</u>
Trees & shrubs, planting	482.79	1500.00	1982.79
" " staking	412.08	862.30	1274.38
" " pruning	2994.90	80.74	3075.64
" " tarring	147.79	51.53	199.32
" " replacements	229.93		229.93
" " cultivating	559.96		559.96
" " watering	800.45	3.40	803.85
" " removing	26.80		26.80

<u>BOULEVARDS (CONT'D)</u>	<u>Labor</u>	<u>Material</u>	<u>Total</u>
Spraying apparatus		125.60	125.60
Insecticide		29.45	29.45
Stock, trees		750.72	750.72
" shrubs		385.40	385.40
" grass seed		340.90	340.90
Grass, renovating	585.03	131.60	716.63
" mowing	1666.78	368.70	2035.48
" seeding	836.48		836.48
Grading (lowering boulevards)	309.30	12.34	321.64
Refuse removal	358.11		358.11
Fertilizer	18.32	55.00	73.32
Policing (car tickets)		27.00	27.00
Signs	1.08		1.08
Holidays	177.90		177.90
Stock taking	17.40		17.40
Plans	64.38		64.38
New hose		45.33	45.33
Expended from Appropriation	9689.48	4770.01	14459.49

Additional Expenditures:-

Special Relief Account.

Supervision of relief labor, grading, planting, pruning, moving, renovating trees, etc.....919.84

Hauling loam for renovations.....31.25

Commissioner's Contingent Account

Removing trees to widen 38th Avenue West 24.40

13,599 hours of relief labor valued at 50%, general work 6779.50

365 " " " " " 50%

(Bylaw No. 2756, Sunnyside Boulevard Improvements) 182.50

2944 hours of relief labor valued at 50%

(Bylaw No. 2757, Westmount Boulevard, Improvements) 1472.00

<u>MEMORIAL DRIVE</u>	<u>Labor</u>	<u>Material</u>	<u>Total</u>
Appropriation			\$ 1000.00
Trees and shrubs, planting	48.08	27.21	75.29
" " " pruning	4.60		4.60
" " " cultivating	196.54		196.54
" " " watering	127.61	6.08	133.69
Lawns, mowing	72.96		72.96
" watering	30.54		30.54
" renovating	24.58		24.58
" fertilizer	51.68	150.00	201.68
Refuse removal	169.05	9.96	179.01
Fence, repairs	9.72	10.53	20.25
Water service, maintenance	2.35		2.35
Holidays	51.84		51.84
Expended from Appropriation	789.56	203.78	993.34

MEMORIAL DRIVE (CONT'D)

Additional Expenditures:-

Special Relief Account

Supervision of relief labor, grading, loaming, cleaning....121.88  
 5,851 hours of relief labor valued at 50¢.....2925.50

CEMETERIES

(Appropriation \$20,000.00)	<u>Union Cemetery</u>		<u>Burnsland Cemetery</u>		<u>TOTAL</u>
	<u>Labor</u>	<u>Material</u>	<u>Labor</u>	<u>Material</u>	
Trees & shrubs, planting	486.95		174.65		661.60
" " " , pruning	1105.63		250.84		1356.47
" " " , watering	211.01		88.05		299.06
" " " , cultivating	1111.87		514.07		1625.94
" " " , transplant- ing overcrowded trees	25.23				25.23
Flower borders, cultivating	757.69		258.49		1016.18
Stock, trees and shrubs		88.57		77.25	165.82
" , plants		49.48		23.28	72.76
" , bulbs	5.40	116.45		116.46	238.31
" , flower seeds				19.83	19.83
" , grass seed		73.76			73.76
Lawns & grassways, mowing	1005.98	266.52	728.17	43.97	2044.64
" " " , cutting					
" " " rough grass	502.29		110.98		613.27
" " " , fertilizer and fertilizing	568.78	375.00	180.72	231.76	1356.26
Insecticide		12.50		12.50	25.00
Weed Killer		15.21		15.22	30.43
Refuse removal	163.93		236.89		400.82
Roads & paths, general mtce.	421.27	113.20	183.77	10.39	728.63
" " " , gravelling	28.94		24.05		52.99
" " " , grading, new	101.25				101.25
Gutters, new	27.30				27.30
" , maintenance	67.54	5.29	4.00		76.83
Snow removal	35.32		4.58		39.90
Buildings, mtce. & repairs	51.04	19.95	44.97	13.49	129.45
" , painting	36.72	19.62	4.32		60.66
Fences, new	44.07	180.59	10.00	2.00	236.66
" , painting	18.96	2.16	4.32		25.44
" , repairs	40.10	9.01	16.62	3.26	68.99
Water Service, maintenance	40.04	120.71	50.07	82.17	292.99
" " , extension	63.10	359.35	43.42	386.51	852.38
Stock taking			4.15		4.15
Rock retaining walls, mtce.	692.77				692.77
Grave plots, digging graves	591.22		2589.65		3180.87
" " , surplus soil from	435.14		631.52		1066.66
" " , renovating	186.02		114.43		300.45



CEMETERIES (CONT'D)	Union Cemetery		Burnsland Cem.		TOTAL
	Labor	Material	Labor	Material	
Grave plots, loaming and seeding	319.27		347.33		666.60
" " grass cutting	633.78		565.60		1199.38
" " watering	870.11		382.37		1252.48
" " making and maintaining flower beds	121.85		45.82		167.67
Grave plots, disinterring and reintering	29.39		41.82		71.21
" " plotting	7.50		18.12		25.62
Signs, making	8.48				8.48
Record books & stationery		94.47		377.96	472.43
Roller, new				59.87	59.87
Lowering device, receptacle for	40.28				40.28
Flagpole		8.60			8.60
Holidays	14.58		140.88		155.46
Policing	9.24				9.24
Caretaker			1719.09		1719.09
Gross Expenditure	10880.04	1930.44	9533.76	1475.92	23820.16
Interest on Perpetual Care	1507.70		2906.22		4413.92
Net Expenditure from Appropriation	9372.34	1930.44	6627.54	1475.92	19406.24

Additional Expenditures:-

Special Relief Account

Supervision of relief labor, grading & gravelling new roads, cultivating, loaming, mowing, etc.etc..... 1672.39

Hire of trucks to haul loam and gravel..... 497.25

Rylaw No. 2411

Building new roads, water service, extension, etc..... 2065.04

26,887 hours of relief labor, valued at 50¢, Union.....13443.50

47,509 " " " " " " 50¢, Burnsland....23754.50

QUEEN'S PARK ORNAMENTAL SITES

	<u>Labor</u>	<u>Material</u>	<u>Total</u>
Appropriation			<u>1500.00</u>
Surveying and preparing plans	36.88	492.66	529.54
Constructing road and bridge	58.21	779.76	837.97
City Solicitor's costs (cancelling subdivision)	38.50		<u>38.50</u>
Expended from Appropriation	<u>133.59</u>	<u>1272.42</u>	<u>1406.01</u>

NURSERIES

Appropriation			\$ <u>3000.00</u>
Trees & shrubs, transplanting	387.36		387.36
" " pruning	266.62		266.62
Propagating	562.20	.65	562.85
Cultivating, digging, etc.	822.38	6.18	828.56
Watering	130.45		130.45
New stock, trees		109.02	109.02
" " shrubs		16.20	16.20
" " bulbs		48.37	48.37
" " seeds, collecting & storing	227.10	35.85	262.95
" " unpacking, cleaning, and shipping	180.21	12.00	192.21
Fertilizer	318.16	303.15	621.31
Hotbeds, maintenance	65.48		65.48
Refuse removal	49.96		49.96
Buildings, painting	7.24	14.98	22.22
Fences, repairs	6.75		6.75
Water service, maintenance	20.25	7.07	27.32
" " extension	72.06	169.44	241.50
Floral displays	24.75	7.96	32.71
Flats, labels, etc.	136.83	45.52	182.35
Stocktaking	164.60		164.60
Planting report	15.40		15.40
Miscellaneous	6.45		6.45
Electric light, rootstore		45.14	45.14
Holidays	<u>59.40</u>		<u>59.40</u>
Gross Expenditure	3533.65	821.53	4355.18
Credit, trees & shrubs for boulevards			<u>1397.50</u>
Net Expenditure from Appropriation			<u><u>2957.68</u></u>

Additional Expenditures:-

115 hours of relief labor, valued at 50¢	57.50
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GREENHOUSE

	<u>Labor</u>	<u>Material</u>	<u>Total</u>
Appropriation			<u>2000.00</u>
Plants supplied			2000.00

SALARIES

Superintendent	2949.96		2949.96
Foreman	1920.00		1920.00
Bookkeeper	1620.00		1620.00
Stenographer	1140.00		1140.00
Patrolman	<u>1440.00</u>		<u>1440.00</u>
Total Expenditure	9069.96		<u>9069.96</u>

STATIONERY & PRINTING

Stationery and printing		763.65	763.65
Car tickets		8.00	8.00
Postage		<u>38.65</u>	<u>38.65</u>
Expended from Appropriation		810.30	<u>810.30</u>

MAINTENANCE OF TOOLS

Appropriation			<u>1550.00</u>
General mtce., including repair parts	588.78	533.75	1122.53
New small tools		37.66	37.66
Building repairs and improvements:-	21.38		21.38
"    new shelves	83.47	37.42	120.89
"    new loading platform	16.30		16.30
"    new shed for equipment	23.98	54.31	78.29
Water service, maintenance	20.45		20.45
Electric light		15.04	15.04
Stationery		13.22	13.22
Holidays	134.40		134.40
Stock taking	<u>75.65</u>		<u>75.65</u>
Expended from Appropriation	964.41	691.40	<u>1655.81</u>

## Additional Expenditures:-

<u>Special Relief Account</u>			
Tools required for relief labor			251.99
3431 hours of relief labor valued at 50¢			
(Improvements to buildings and yard)			1740.50

AUTO MAINTENANCE AND DEPRECIATION

	<u>Labor</u>	<u>Material</u>	<u>Total</u>
<u>Superintendent's Car</u>			
Yearly allowance		660.00	660.00
<u>Car No. 6</u>			
Gas	239.82	239.82	239.82
Oil		12.40	12.40
Maintenance and repairs	116.67	108.24	224.91
Tires		56.95	56.95
License		4.00	4.00
Insurance		34.11	34.11
Electric Light		19.42	19.42
Overhead		68.00	68.00
Capital charge, new garage		60.00	60.00
<u>Truck No. 40</u>			
Repairs	237.78	165.09	402.87
Tires		115.65	115.65
Gas		208.30	208.30
Oil		33.36	33.36
License		19.00	19.00
Insurance		30.63	30.63
Overhead		68.00	68.00
Capital charge, new garage		60.00	60.00
<u>Car No. 65</u>			
Repairs	217.94	237.32	455.26
Tires		84.74	84.74
Gas		211.71	211.71
Oil		31.22	31.22
License		14.00	14.00
Insurance		23.93	23.93
Overhead		68.00	68.00
Capital charge, new garage		60.00	60.00
<u>Patrolman's Car</u>			
Gas		123.93	123.93
Oil		5.86	5.86
Depreciation on Trucks		<u>729.30</u>	<u>729.30</u>
Expended from Appropriation	<u>572.39</u>	<u>3552.98</u>	<u>4125.37</u>

WATER

Appropriation		<u>\$ 3000.00</u>
Golf course (meter)	83.38	83.38
Parks Supt.'s Residence (meter)	21.77	21.77
General	2894.85	2894.85
Expended from Appropriation	<u>3000.00</u>	<u>3000.00</u>

<u>SUNDRIES</u>	<u>Labor</u>	<u>Material</u>	<u>Total</u>
Appropriation			<u>3250.00</u>
Office work	893.91		893.91
Office furniture	10.00	14.18	24.18
Superintendent's House:-			
Repairs, including new floor	81.62	50.35	131.97
"      , improvements to heating	185.12	285.36	470.68
General maintenance	20.35	9.61	29.96
Telephone		34.05	34.05
Decorations, exhibits, etc.	374.25		374.25
Seed room (construction)	63.09	68.39	131.48
First Aid Kits		47.00	47.00
Police duty		4.62	4.62
Plans	260.77		260.77
Stock taking	22.00		22.00
Annual report	87.26		87.26
Holidays	2.50		2.50
17th Ave.E., pruning trees damaged by fire	16.80		16.80
Assisting Sunshine	<u>17.72</u>		<u>17.72</u>
Expended from Appropriation	2035.39	513.76	<u>2549.15</u>

CLASSIFIED STATEMENT OF GROSS EXPENDITURE 1931

<u>Trees and Shrubs</u>		
Planting, staking, pruning, and tree surgery	8440.50	
Stock purchased	1342.12	
Cultivating and watering	7116.10	
Removing	<u>354.72</u>	17253.44
<u>Floral Display, Decorations, etc.</u>		
Maintenance of beds and borders	6710.08	
Flower Shows and Decorations	<u>406.96</u>	7117.04
<u>Lawns</u>		
General maintenance, (park lawns)	7878.33	
General maintenance, (boulevard lawns)	<u>5247.70</u>	13126.03
<u>Rock Retaining Walls and Rock Gardens</u>		
General maintenance	<u>723.81</u>	723.81
<u>Roads and Paths</u>		
General maintenance, grading, gravelling	3434.48	
Maintenance of gutters	146.93	
Snow removal	<u>43.20</u>	3624.61
<u>Buildings</u>		
General maintenance and repairs	1580.50	
Comfort Station, maintenance and repairs	204.05	
New buildings	<u>205.34</u>	1989.89
<u>Park Furniture</u>		
General maintenance & repairs	101.79	
Fencing and fence repairs	2107.98	
Notice boards and signs	75.76	
Flags	8.60	
Picnic furniture	<u>184.32</u>	2478.45
<u>Athletics and Amusements</u>		
Baseball Diamonds	30.27	
Football fields	931.80	
Cricket pitches	119.12	
Playgrounds	1791.59	
Playgrounds, new equipment	1279.40	
Rinks	3749.20	
Golf course	8406.02	
Picnics	35.46	
Sports	65.67	
Swimming and Wading Pools	281.99	
Band Concerts	636.00	
Stadium (bleachers and equipment)	672.48	
Reconstructing Dam, Millican Park	<u>37.81</u>	18036.81

CLASSIFIED STATEMENT OF GROSS EXPENDITURE 1931 (CONT'D)

<u>Nurseries</u>		
Propogation, potting, and planting	1082.98	
Digging and cultivating	1143.16	
Supplies;--seeds, flats, labels, etc.	<u>692.33</u>	2918.47
<u>Cemeteries</u>		
<u>Grave Plots:-</u>		
Plotting	512.39	
Improvement of	1567.05	
Maintenance of	3039.47	
<u>Graves:-</u>		
Digging	3373.16	
Surplus soil from	1066.06	
Disinterments	111.49	
Records	72.43	
Caretaking	1776.27	
Plans and surveying (New Cemetery Site)	529.54	
Refuse removal	<u>400.82</u>	12448.68
<u>Overhead</u>		
Auto maintenance	1379.61	
Stationery and printing	974.30	
Tools and equipment	2160.19	
Salaries	9069.96	
Office help	893.91	
Telephone	<u>36.00</u>	14513.97
<u>Water Service, Gas, Light</u>		
Light and Power	409.39	
Gas	134.67	
Water	3420.00	
Water Systems, maintenance and repairs	919.64	
"    "    , extensions	<u>1497.58</u>	6381.28
<u>Zoo</u>		
Maintenance and improvements	2091.68	
New specimens	<u>133.63</u>	2225.31
<u>Sundries</u>		
Holidays	1228.22	
Cutting rough grass and weeds	686.60	
Checking gravel permits	38.00	
Miscellaneous plans and surveying	81.69	
Miscellaneous	240.77	
Stocktaking	<u>275.43</u>	2550.71
TOTAL EXPENDITURE		\$ <u>105388.50</u>

COMPLETE DETAILED STATEMENT OF EXPENDITURE 1931

BYLAW NUMBER 2411

Amount of Bylaw \$38,857.37

	<u>Previously Expended</u>	<u>Expended 1931</u>	<u>Total</u>
<u>Mewata Park</u>			
New Fence	1136.20		1136.20
Grading	333.46		<u>333.46</u>
			1469.66
<u>Riley Park</u>			
Paving Swimming Pool	1471.76		1471.76
Water Service	86.20		<u>86.20</u>
			1557.97
<u>Hillhurst Park</u>			
Removing Grandstand	608.00		608.00
New Grandstand	3796.90		3796.90
New fence	1700.59		1700.59
Moving Clubhouse	67.15		67.15
Grading	350.00		350.00
Painting fence	802.67		802.67
Improvements to Dressing room	35.00		<u>35.00</u>
			7360.31
<u>Capitol Hill Park</u>			
Preparing & planting borders	394.60		394.60
Stock	196.00		196.00
Levelling and seeding	32.65		32.65
Fencing	138.00		138.00
Water service	137.50		<u>137.50</u>
			898.75
<u>Tuxedo Park</u>			
Fencing	367.98		367.98
Grading and manuring	29.82		29.82
Planting	170.74		170.74
Stock	130.40		<u>130.40</u>
			698.94
<u>Crescent Park</u>			
Grading	11.20		11.20
Preparing borders & planting	1168.06		1168.06
Stock	646.08		646.08
Fencing	144.76		144.76
Walks	16.23		16.23
Water service	225.74		<u>225.74</u>
			2212.07



BYLAW NUMBER 2411 (CONTINUED)

	Previously Expended	Expended 1931	Total
<u>Mt. Pleasant Park</u>			
Planting	203.98		203.98
Stock	24.12		24.12
Walks	87.81		87.81
Water service	269.51		<u>269.51</u>
			585.42
<u>Centre Street Cut</u>			
Planting	51.50	8.42	<u>59.92</u>
<u>Rosevale (Glencoe) Park</u>			
Community Bldg., construction	411.18		411.18
" " painting	206.45		206.45
" " sewer connection	24.61		24.61
Grading	46.13		46.13
Planting	211.14		211.14
Stock	289.74		289.74
Fencing	318.14		318.14
Water connection	59.87		<u>59.87</u>
			1567.26
<u>Municipal Golf Course</u>			
Draining	125.76		125.76
Grading, seeding	1287.30		1287.30
Fencing	254.35		254.35
Planting	132.01		132.01
Stock	48.20		<u>48.20</u>
			1847.62
<u>City Hall Gardens</u>			
Fence	271.66	99.45	371.11
Stock	36.45		<u>36.45</u>
			407.56
<u>Memorial Drive</u>			
Planting	16.00		16.00
Stock	127.64		127.64
Lawn extension	118.04		118.04
Fencing	11.22		11.22
Water service	6.90		<u>6.90</u>
			279.80
<u>Killarney Park</u>			
Preparing and planting borders	139.04		139.04
Stock	150.40		150.40
Fencing	221.94		<u>221.94</u>
			511.38

BYLAW NUMBER 2411 (CONTINUED)

	Previously Expended	Expended 1931	Total
<u>Playgrounds</u>			
Apparatus	559.32		559.32
Erecting apparatus, Capitol Hill	6.00		6.00
" " , Mt. Pleasant Pk.	30.79		30.79
Shelter Killarney Park	141.69		141.69
" Ogden Park	140.32		140.32
			<u>878.12</u>
<u>Cemeteries</u>			
Surveying and plotting	126.60		126.60
Road construction-	5147.12	976.84	6123.96
Planting	2083.79		2083.79
Stock	<del>952.85</del>		<del>952.85</del>
Lawns, grading, loaming, & seeding	347.08		347.08
Fencing	102.02		102.02
Water service	1883.77	420.46	2304.23
Flag pole	21.38		21.38
Trenching for borders		24.96	24.96
			<u>12086.68</u>
<u>Triangle Park</u>			
Grading	549.02		549.02
Water service	46.50		46.50
Planting	33.35		33.35
			<u>628.87</u>
<u>Sunalta Park</u>			
Planting	35.09		35.09
Seeding	38.84		38.84
			<u>73.93</u>
<u>Second Street East Cut</u>			
Grading	105.65		105.65
Planting	851.19		851.19
			<u>956.84</u>
<u>South Mt. Royal</u>			
Grading	206.84		206.84
Manuring, ploughing, & seeding	809.67		809.67
Planting	14.16		14.16
Stock	10.49	254.28	264.77
			<u>1295.44</u>
<u>Millican Park</u>			
Dressing room	341.30		341.30
Picnic equipment	46.10		46.10
Playground equipment	38.35		38.35
			<u>425.75</u>
<u>St. George's Island</u>			
Shelter	60.00		60.00

BYLAW NO. 2411 (CONTINUED)

	<u>Previously Expended</u>	<u>Expended 1931</u>	<u>Total</u>
<u>Elbow Swimming Pool Grounds</u>			
Planting	66.66		66.66
Lawns, grading, loaming, & seeding	41.10		41.10
Fencing	21.91		21.91
Dressing room	219.07		<u>219.07</u>
			348.74
<u>Riverdale Avenue Plot</u>			
Planting	18.80		18.80
Stock	24.70		<u>24.70</u>
			43.50
<u>Elbow Boulevard Park</u>			
Planting	24.01		24.01
Stock	30.94	83.98	<u>114.92</u>
			138.93
<u>Ogden Park</u>			
Planting	195.57		195.57
Stock	88.09		<u>88.09</u>
			283.66
<u>Hillhurst Triangle Park</u>			
Planting	38.49		38.49
Stock	51.20		51.20
Fencing	92.18		<u>92.18</u>
			181.87
<u>Tompkins Park</u>			
Stock		32.55	<u>32.55</u>
<u>Administration Costs and Bank Interest</u>			1965.83
<u>TOTAL EXPENDITURE</u>		<u>36369.12</u>	<u>2488.25</u>
			<u>38857.37</u>

PLANTING RECORD. 1931.

TREES	SOURCE	St. Geo. Island	Mt. Pleasant Park	Golf Course	Capitol Hill Park	S. Mt. Royal Park	Elbow Blvd. Park	Tompkins Gardens	Memorial Park
Acer negundo	Civic Nursery	50	30				3		
Betula alba	Western Nurs. & Van der Vis	20			20	18			
" <del>alba</del> <del>atropurpurea</del>	Grootendorst								
" alba fastigiata	"								
" Maximowickzi	"								
" nigra	Priddis								
" papyrifera	Dropmore, Estevan, & Henrickson Nurs.	3							
" pendula Youngii	Van der Vis 1930					1			
Crataegus coccinea	Civic Nurs.								
" oxyacantha	Grootendorst								
Fraxinus americana	Civic & Western Nrs.	50	30			19	3		
" excelsa	Civic Nurs.								
Juniperus virginiana	Civic Nurs.	23							
Malus Dolgo Crab	Western Nrs.								
" Columbia Apple	Morden Exp. Sta.								
" Hyslop Crab	Morden Exp. Sta.								
" Florence Apple	Morden Exp. Sta.								
" Hibernial Apple	Morden Exp. Sta.								
" Transcendent Crab	Morden Exp. Sta.								
" Mammoth Apple	Morden Exp. Sta.								
" Whitney Crab	Morden Exp. Sta.								
" Osman Apple	Morden Exp. Sta.								
Picea borealis									
" Black Hill Spruce	Estevan Nurs.					1			1
" canadensis	Priddis 1930; 31.	12	30			22			
" pungens glauca	Estevan and Grootendorst Nurs.					1			
" " Colorado Green Spruce	" "					1			

85

PLANTING RECORD. 1931.

TREES	SOURCE	Hillhurst Park	Boulevards	Cemeteries	Nursery	Miscellaneous	PLTS	TOTALS
Acer negundo	Civic Nurs.		7	5		6		101
Betula alba	Western & Van der Vis		396	26	131		9	620
" " atropurpurea	Grootendorst			1				1
" " fastigiata	"			1				1
" maximowickzi	"			1				1
" nigra	Priddis			50				50
" papyrifera	Estevan, Dropmore, & Henrickson Nurs.		35		760	6		804
" pendula Youngii	Van der Vis 1930							1
Crataegus coccinea	Civic Nurs.			3				3
" oxyacantha	Grootendorst			21				21
Fraxinus americana	Western, Civic, & Riley Park Nurs.		219				1	322
" excelsa	Civic Nurs.			3				3
Juniperus virginiana	Sheridan Nurs.			2				25
Malus, Dolgo Crab	Western Nurs.			6				6
" Columbia Apple	Morden Exp.Sta.			2				2
" Hyslop Crab	Morden Exp.Sta.			5				5
" Florence Apple	Morden Exp.Sta.			2				2
" Hibernial Apple	Morden Exp.Sta.			2				2
" Transcendent Crab	Morden Exp.Sta.			5				5
" Mammoth Apple	Morden Exp.Sta.			2				2
" Whitney Crab	Morden Exp.Sta.			5				5
" Osman Apple	Morden Exp.Sta.			2				2
Picea borealis					100			100
" Black Hill Spruce	Estevan Nurs.		8	26		4		40
" canadensis	Priddis 1930, 31 Blackburn 1930		12	69	1000	5		1150
" pungens glauca	Estevan & Grootendorst Nurs.			9			4	14
" " (Colorado Green Spruce)	Grootendorst Nurs.			10			2	13

86

PLANTING RECORD, 1931.

87

TREES	SOURCE	St. Geo. Island	Mt. Pleasant Park	Golf Course	Capitol Hill Park	S.Mt. Royal Park	Elbow Blvd. Park	Tompkins Gardens	Memorial Park
Pinus austriaca	Sheridan Nurs.	23							
" banksiana	Priddis								
" sylvestris									
Populus alba nivea	Naperville Nurs.								
" acuminata	Civic Nurs.								
" angustifolia	" "								
" balsamifera	Priddis								
" certinensis	Civic Nurs.		50				2		
" deltoides	Civic Nurs.								
" North West	Civic Nurs.			40		8	2		
" Wobstii	Scott & Civic Nurs.		56	40	40			6	
Pyrus pohaushanensis	Dropmore Nurs.								
" transitaria	Dropmore Nurs.								
Sorbus aucuparia	Western & Van der Vis		3			3			2
Thuja occidentalis	Sheridan Nurs.	23							
Ulmus americana	Western Nurs.			20		3			
Totals		81	262	160	60	77	10	6	3

PLANTING RECORD. 1931.

TREES	SOURCE	Hillhurst Park	Boulevards	Cemeteries	Nursery	Miscellaneous	Sold	TOTALS
Pinus austriaca	Sheridan Nurs.			44	100			167
" banksiana	Priddis				500	50		550
" sylvestris					100			100
Populus alba nivea	Naperville Nurs.			10				10
" acuminata	Civic Nurs.		19					19
" angustifolia	Civic Nurs.		2	14				16
" balsamifera	Priddis		100	4				104
" oertinensis	Civic Nurs.		143					195
" deltoides	Civic Nurs.		42					42
" North West	Civic Nurs.		90	23			6	169
" Webstii	Scott & Civic Nurs.	5	173	5		44	13	382
Pyrus pohaushanensis	Dropmore Nurs.			1				1
" transitoria	Dropmore Nurs.			1				1
Sorbus aucuparia	Western, Dropmore, & Van der Vis Nurs.		23	41	27	5	13	117
Thuja occidentalis	Sheridan Nurs.			2				25
Ulmus americana	Western Nurs.		204					227
<b>TOTALS</b>		<b>5</b>	<b>1473</b>	<b>403</b>	<b>2718</b>	<b>120</b>	<b>48</b>	<b>5426</b>

PLANTING RECORD. 1931.

<u>SHRUBS</u>	<u>SOURCE</u>	St. Geo. Island	Mt. Pleasant Park	Crescent Park	Golf Course	Capitol Hill Park	S. Mt. Royal Park	Elbow Blvd. Park	Memorial Park
Amelanchier alnifolia	Grootendorst								
" canadensis	"								
" florida	"								
" laevis	"								
Berberis vulgaris atro purpurea	Civic Nurs.		4						
Cafagana arborescens	Civic Nurs.	50		1150	27		4		
" " pendula	Van der vis						4		
" Boissii	Connon Nurs.								
" ferox	Grootendorst								
" frutescens	Civic & Dropmore Nurs.								
" Lorbergii	Van der Vis								
" pygmaea	Civic Nurs.	16					9		
Cerasus virginiana	" "								
Colutea arborescens	Van der Vis								
Cornus sericea	Civic Nurs.		10						
" siberica	" "						5		
" stolonifera	" "	6			26				
" " aurea	" "								
Cotoneaster acutifolia	" "		9			20	15		
" integerrima	Dropmore Nurs.						10		
" melanocarpa	" "								
" multiflora	Grootendorst								
Corylus americana	Western Nurs.								
" avellana	" "								
Euonymus alatus	Civic Nurs.	10							
Forsythia vitellina	Van der Vis								
Genista tinctoria siberica	Dropmore Nurs.								
Halimodendron argenteum	Van der Vis								
Lepargyrea argentea	Civic Nurs.								
Ligustrum amurense	Van der Vis								
" lucidium	" " "								

68



PLANTING RECORD. 1931.

<u>SHRUBS</u>	<u>SOURCE</u>	Hillhurst Park	Mewata Park	Boulevards	Cemeteries	Nursery	Miscellaneous	Sold	TOTALS
Amelanchier alnifolia	Grootendorst				1				1
" Canadensis	"				11				11
" florida	"				6				6
" laevis	"				1				1
Berberis vulgaris atro purpurea	Civic Nurs.				18				22
Caragana arborescens	Civic Nurs.	2	38	114	79		204	894	2562
" " pendula	Van der Vis								4
" Boissii	Connon Nurs.				1				1
" ferox	Grootendorst				6				6
" frutescens	Civic & Dropmore Nurs.			88		50			138
" Loxbergii	Van der Vis				19				19
" pygmaea	Civic Nurs.		6	5			2	109	147
Cerasus virginiana	Civic Nurs.				10				10
Colutea arborescens	Van der Vis				11				11
Cornus sericea	Civic Nurs.	2	5	8	60		2		87
" siberica	" "								5
" stolonifera	" "			105	40		5	23	205
" " aurea	" "				5				5
Cotoneaster acutifolia	" "	2		113	31		4	19	213
" integerrima	Dropmore Nurs.				10	11			31
" melanocarpa	" "				5	1			6
" multiflora	Grootendorst				3				3
Corylus americana	Western Nurs.				3	39			42
" avellana	" "				2	21			23
Euonymus alatus	Civic Nurs.								10
Forsythia vitellina	Van der Vis				10				10
Genista tinctoria siberica	Dropmore Nurs.				1	23			24
Halmimodendron argenteum	Van der Vis				7				7
Lepargyrea argentea	Civic Nurs.				25				25
Ligustrum amurense	Van der Vis		1	98	12				111
" lucidum	" " "				22				22

PLANTING RECORD. 1931.

16

<u>SHRUBS</u>	<u>SOURCE</u>	St. Geo. Island	Mt. Pleasant Park	Crescent Park	Golf Course	Capitol Hill Park	S. Mt. Royal Park	Elbow Blvd. Park	Memorial Park
Ligustrum vulgaris	Civic Nurs.	1							
Lonicera canadensis	" "	12							
" malliflora	" "	4							
" Morrowii	Civic & Estevan Nurs.	2		5		20	14		
" tartarica	Civic & Estevan Nurs.	1	11				20		
" xylosteum	Dropmore Nurs.								
Lyceum europeum	Civic Nurs.		20						
Pinus mughus	Sheridan Nurs.								
Physocarpus opulifolia	Civic & Dropmore Nurs.	21	4				15		
Potentilla fruticosa	Van der Vis & Civic N.								
Prunus nanus	Dropmore Nurs.								
" padus	" "		3			10			
" pennsylvanica	" "		3				15		
" triloba	Van der Vis								
Rosa rugosa	Civic Nurs.								
" rubrifolia	Dropmore Nurs.								
" rugosa Hansa	Eddie & Son								
" M. Blanche Moreau	" "								
" H.A.B. Mad. Edourd Herriott	" "								4
" H.A.B. Persian Yellow	Dropmore Nurs.							47	
" H.A.B. Austrian Copper	Eddie & Son							30	
" H.S.B. Anne of Gierstein	" "								
" H.T. Red Letter Day	" "								
" H.T. Lady Hillingdon	" "		50						
" H.T. Mad. C. Testout	" "		50						
" H.T. Souv. de C. Pernet	" "								7
" C. Gloire de Dijon	" "								
" Max Graaff	" "								
" H.P. Grau C. Druschki	" "		50						
" D.P. Gruss an Aachen	" "		50						24
" D.P. Alice Amos	" "								16

PLANTING RECORD. 1921.

<u>SHRUBS</u>	<u>SOURCE</u>	Hillhurst Park	Mewata Park	Boulevards	Cemeteries	Nursery	Miscellaneous	Sold	TOTALS
Ligustrum vulgaris	Civic Nurs.				51				51
Lonicera canadensis	" "								12
" malliflora	" "								4
" Morrowii	Civic & Estevan Nurs.	4		51	14	104	5	12	231
" tartarica	" " "			180	89		18	32	359
" xylosteum	Dropmore Nurs.				1				1
Lyceum europeum	Civic Nurs.				15				35
Pinus mughus	Sheridan Nurs.				25				25
Physocarpus opulifolia	Civic & Dropmore Nurs.			15	20				75
Potentilla fruticosa	Van der Vis & Civic Nurs.				15			4	19
Prunus nanus	Dropmore Nurs.				6	100			106
" padus	" "			10	45	32			100
" pennsylvanica	" "			10	11				39
" triloba	Van der Vus				3				3
Rosa rugosa	Civic Nurs.				5				5
" rubrifolia	Dropmore Nurs.				25				25
" rugosa Hansa	Eddie & Son				10			10	20
" W. Blanche Moreau	" "				5			5	10
" H.A.B.Mad.Edourd Herriott	" "				6			1	11
" H.A.B.Persian Yellow	Dropmore Nurs.				25			30	102
" H.A.B.Austrian Copper	Eddie & Son				52		2	15	99
" H.S.B.Anne of Gierstein	" "				1				1
" H.T. Red Letter Day	" "				14			6	20
" H.T. Lady Hillingdon	" "								50
" H.T. Mad.C.Testout	" "								50
" H.T. Souv.de C.Pernett	" "				10			8	25
" C.Glorie de Dijon	" "				16			5	31
" Max Graaff	" "				7			3	110
" H.P.Frau C.Druschki	" "								50
" D.P.Gruss an Aachen	" "				8			5	87
" D.P.Alice Amos	" "				6			3	25

92

PLANTING RECORD. 1931.

93

<u>SHRUBS</u>	<u>SOURCE</u>	St. Geo. Island	Mt. Pleasant Park	Crescent Park	Golf Course	Capitol Hill Park	S. Mt. Royal Park	Elbow Blvd. Park	Memorial Park
Rosa D.P. Eblouisant	Eddie & Son								15
Ribes alpina	Civic Nurs.								
" Hudsonii	" "								
Salix britgenensis	" "		10						
" discolor	Napperville Nurs.		20						
" Golden Willow	Civic & Western Nurs.	37	36		9	20	6		
" pentandra	" " "	5	46		9	20	8		
" rotundifolia	Napperville Nurs.		20						
" Red Willow	Civic & Western Nurs.	5	16		9	20	6		
" viminalis	Civic Nurs.	23							
Sand Cherry (selected)	Civic Nurs. & Morden Exp. Sta.								
Sambucus nigra	Civic Nurs.	8	20						
" " aurea	Estevan Nurs.		1			20			
" " laciniata	" "		1			20	10		
" racemosa	Dropmore Nurs.					10	2		
" variegata aurea	Civic Nurs.								
Spiraea Anthony Waterer	Van der Vis								
" arguta	Civic Nurs.						11		
" media sericea	Dropmore Nurs.								
" sorbifolia	Civic Nurs.	35							
" Van Houttei	" "						5		
Symphoricarpos glomerata	Van der Vis								
Syringa dilatata	Dropmore Nurs.								
" amurensis	" "								
" persica	Civic Nurs.								
" rothomagensis	Van der Vis								
" velutina	Dropmore Nurs.		1						
" villosa	Civic Nurs.		57		3		4		
" vulgaris	" & Connon Nurs.		22				21		
Viburnum opulus sterilis	Western Nurs.		1						
	<b>TOTALS</b>	<b>436</b>	<b>315</b>	<b>1155</b>	<b>83</b>	<b>160</b>	<b>198</b>	<b>77</b>	<b>66</b>

TOTAL

PLANTING RECORD. 1931.

<u>SHRUBS</u>	<u>SOURCE</u>	Millhurst Park	Mewata Park	Boulevards	Cemeteries	Nursery	Miscellaneous	Sold	TOTALS
Rosa D.P. Eblouisant	Eddie & Son				10				25
Ribes alpina	Civic Nurs.				1				1
" Hudsonii	" "				1				1
Salix britzensis									10
" discolor	Napperville Nurs.				10				30
" Golden Willow	Civic & Western Nurs.			40	63		12	15	238
" pentandra	" " "	2		61	63		17	15	236
" rotundifolia	Napperville Nurs.				10				30
" Red Willow	Civic & Western Nurs.			56	73		4	15	204
" viminalis	Civic Nurs.								23
Sand Cherry (selected)	Civic Nurs. & Morden Exp. Sta.				12	25			37
Sambucus nigra	Civic Nurs.			15	13				56
" " aurea	Estevan Nurs.				5	32		15	73
" " laciniata	" "	2		10	17	38	2	15	115
" racemosa	Dropmore Nurs.				2	1			15
" variegata aurea	Civic Nurs.				7				7
Spiraea Anthony Waterer	Van der Vis				10				10
" arguta	Civic Nurs.							2	13
" media sericea	Dropmore Nurs.				8	25			33
" sorbifolia	Civic Nurs.								35
" Van Houtei	" "							2	7
Symphoricarpus glomerata	Van der Vis				10				10
Syringa dilitata	Dropmore Nurs.				1				1
" amurense	" "				3	7			10
" persica	Civic Nurs.				1				1
" rothomagensis	Van der Vis				10				10
" velutina	Dropmore Nurs.				1	8			10
" villosa	Civic Nurs.	2		149	91		17	29	352
" vulgaris	Civic & Connoh Nurs.			39	6				98
Viburnum opulus sterilis	Western Nurs.				12	13			26
	TOTALS	16	50	1167	1323	530	294	1292	7156
		16	50	1167	1323	530	294	1292	7156

PLANTING RECORD. 1931.

PERENNIALS	St. Geo. Island	Riley Park	Crescent Park	Memorial Park	Elbow Blvd. Park	Golf Course	Cemeteries	Miscellaneous	Sold	TOTALS
<i>Aconitum Fischeri</i>									3	3
" <i>melostonum</i>									3	3
" <i>napellus albus</i>									3	3
" " <i>bicolor</i>								4	5	9
" " <i>blue</i>								5	10	15
" <i>Wilsonii</i>									3	3
<i>Achillea holosericea</i>	15									15
" <i>millefolium rubrum</i>									6	6
<i>Adenophora potanini</i>			10		15					25
<i>Agrostemma coronaria</i>	6	20	10		12		20		13	81
<i>Alkana orientalis</i>	15									15
<i>Aquilegia</i>	27	50	35	15	30	10	6	15	22	210
<i>Armeria formosa</i>		10	10					6		26
<i>Aster alpina</i>	6	25	10					8	1	50
<i>Astilbe Arendsii</i>								1		1
<i>Astragalus alopecuroides</i>		27	10							37
<i>Campanula carpatia</i>	6	8	22	15	10			6	23	90
" <i>grandis</i>	16		10	10	10			6	14	66
" <i>latifolia macrantha</i>	16	29	25	10	10					90
" <i>media</i>		44	25	41	40	5	108	25	20	304
" <i>persicifolia</i>	6			15		10		5	5	41
" <i>pilosa</i>	6		7	10				6	10	39
" <i>rapunculoides</i>	10	20	10						1	41
" <i>sarmatica</i>	6	40	10	10					10	76
" <i>siberica</i>									3	3
" <i>spicata</i>		38								38
" <i>trachelium</i>		20	15							35
<i>Cephalaria alpina</i>	10	8						3		21
<i>Chrysanthemum leuc.</i> Marion Collier		10	26		16		16	5	6	79
" " <i>proecox</i>		30		5	20		23			78
<i>Delphinium Belladonna</i>	8									8
" <i>caucasicum</i>	10	15	10		20				2	57

PLANTING RECORD. 1931.

PERENNIALS

	St. Geo. Island	Riley Park	Crescent Park	Memorial Park	Elbow Blvd. Park	Golf Course	Cemeteries	Miscellaneous	Sold	TOTALS
Delphinium chinense	6	20	15	10	14		34	6	10	115
" hybridum	6			20				13	20	59
" Moerheimi								3		3
" tatsiense		20		5	6					31
Dianthus barbatus	16	50	26	15	35	10	98	19	21	290
Erigeron aurantiaca	15	20	10							45
Gaillardia kermesiana splend.	19	7		5	17			6	6	60
Gypsophila paniculata									7	7
Helenium Bigelovi			20		25					45
" Golden Beauty	18		30	15	20	10	20		17	130
" Hoopesii		45	10					8	4	67
" Riverton Gem		15	10		45				3	73
Hemerocallis fulva								2		2
Hollyhock							35	4	7	46
Iris barbata								3	5	8
" ochroleuca	3	12		5						20
" setosa canadensis	3	12		5				3		23
" sibirica								2		2
Isatis glauca	6	6		10					10	32
Linaria dalmatica	6	10		10				13	13	52
Linum alpinum		2	10							12
Lychnis Arkwrightii	6	7		10	4			8	16	51
" chalcedonica	26	40	33	10	24			2	26	161
" haageana		20					19	5		44
Lythrum roseum	6			11	7		20	8	6	58
Mertensia virginica								4		4
Nepeta glachoma			10		20	10		3		43
" mussini	6	35	5	15	13		27	3	13	117
Papaver orientale	16	45	15	15	15				22	128

PLANTING RECORD. 1931.

PERENNIALS.	St. Geo. Island	Riley Park	Crescent Park	Memorial Park	Elbow Blvd. Park	Golf Course	Cemeteries	Miscellaneous	Sold	TOTALS
Paeony offic. rubra	32							2		34
" Amy Filhamie							3			3
" Duchess de Nemours	8						23			31
" L'Indispensible							3			3
" Mad. Emile Lemoine							3			33
" Mad. Calot							3		2	5
" Marie Stuart	8						25			33
" Suzette	8						23			31
Phlox divaricata								4		4
" decussata								1	8	9
Phlomis tuberosa								2		2
Polemonium coeruleum	16		31	15	15			2	14	93
" himalaicum		50								50
Potentilla nitida	6	20	10	10					16	62
Pyrethrum hybridum	6			10	15		20	9	14	74
Senecio clivorum	16	27	10	10					10	73
Sidalcea rosea			30		25					55
Statice incana nana	6	8	10	10					10	44
Trollius europeus								27		27
" Thomas Ware							29			29
Veronica incana	6	30	10						10	66
" spicata	22	25	19	25	10			7	17	125
Verbascum phoeniceum	6							9	3	18
Yucca filamentosa				7						7
<b>TOTALS</b>	<b>461</b>	<b>916</b>	<b>559</b>	<b>388</b>	<b>494</b>	<b>55</b>	<b>558</b>	<b>273</b>	<b>473</b>	<b>4177</b>

26



PERENNIAL FLOWERING PLANTS  
RAISED ON HOTBEDS.

	Riley Park	Cemeteries	Miscellaneous	Sales	Total
Aconitum napellus albus		21			21
" paniculatum		14			14
" volubile		2			2
Achillea herba-rota		4			4
" moschata		2			2
" nana		8			8
Adenophora verticillata	5	16		3	24
Agrostemma Flos-Jovis		8			8
Allium ammophilum		19			19
" angulosum		35			35
" baicalense	5	21		3	30
" cyaneum	5	45		5	55
" fistulosa	26	10			36
" flavum	5	25			30
" lineare		5			5
" macrostemon	5	81	5		91
" montana		34			34
" namoensis		4			4
" nutans		42			42
" rotundum		9			9
" senescens		14		5	19
" stellerianum		10			10
" strictum		7			7
Alyssum creticum		10	5	30	45
" rostratum		28	7	45	80
" saxatile		34	5	16	55
" " Lemon Queen		27	5	3	35
Alsine bankinorum	5	87		5	97
Androsace lactea	5	7		20	32
Anemone cylindrica		16			16
" pulsatilla		6			6
" Sylvestris		5		3	8
Anthericum liliago		9			9
Aquilegia glandulosa	5	50	5	3	63
" mixed	25	590	85	15	715
Arabis Allionii		37	5	16	58
" alpina	17	10		17	44
" " Double White		1			1
" " rosea		10		3	13
" argentea variegata		6		3	9
" Hallerii		26		3	29
" procurrens	5	33		8	46
Arctostaphylos alpina		14			14
Arenaria laricifolia		45			45
" purpurescens	5	26		9	40
" tmolea		32			32

PERENNIAL FLOWERING PLANTS  
RAISED ON HOTBEDS.

	Riley Park	Cemeteries	Miscellaneous	Stales	Total
Armeria maritima carminea		21			21
Artemisia mutillina	5	46	5	18	74
Asarum canadense		2			2
Asperula tinctoria	33			3	36
Asphodeline balsamae		21			21
Aster alpina	35	16		24	75
Aubretia rich rose	5	20		10	35
Barbaria rupicola		8			8
Caltha palustris, fl.pl.		4			4
Campanula garganica	5	24		17	46
" glomerata acaulis		10			10
" istriaca	30	30		31	91
" Laurii		4			4
" lingulata		44			44
" linifolia	35	30	1	37	103
" Marchesetti				9	9
" Pallasii		16			16
" pilosa		10			10
" pusilla	5	40			45
" Pyrauersi	50	50		38	138
" sarmatica		5			5
" thessalica		5			5
" turbinata alba	23	31	1	20	75
Centaurea babylonica	10	4			14
" ruthenica		33			33
Cerastium Boisieri	15	16		5	36
" gibraltarica		6		3	9
Chieranthus Allionii	14	22			56
" Senoreri		7			7
Chrysanthemum arcticum		8			8
Convallaria polyganatum		27			27
Coreopsis oculata		7			7
Delphinium cashmeriana		17			17
" occidentale		4			4
Dianthus alpinus	110	85	15	46	256
" Allwoods alpinus		10			10
" deltoides	105	85	15	35	240
" laciniatus	110		34	29	173
" neglectus	5	27		25	57
" Panicii		12		2	14
" petraeus		16	5	13	34
" Seguieri	100		30	16	146
" speciosus	100		15	16	131

PERENNIAL FLOWERING PLANTS  
RAISED ON HOTBEDS.

	Riley Park	Cemeteries	Miscellaneous	Sales	Total
Dianthus superbus nanus	100		20	26	146
" strictus	100		17	18	135
" sylvestris	5		10	21	36
" Wimmeri		23			23
Digitalis ambigua		9	1		10
" argyrostigma		22			22
" gloxinoides		10			10
" lanata		23			23
" lutea		138		17	155
" nervosa				3	3
Dipsacus torsus		15			15
Doronicum caucasicum		4			4
Draba bronchialis		72		12	84
" cornuta		36		12	38
" fladnizensis	5	100		15	120
" laxa		35		2	37
Dracocephalum nutans		23		6	29
Erigeron aurantiacum		20			20
" (from Wapta)		35			35
Erinus alpinus		37			37
" " albus		11			11
Eryngium giganteum		1			1
Erysimum cuspidatum		59	10		69
" linifolium		86			86
" pachycarpum		38			38
Gentiana cruciata		7			7
" depressa			10	9	19
" Kesselringii	5	22	10	5	42
" phlogifolia		30		7	37
" rocheliana	5	43	5	8	61
Geranium lancastriense		4			4
" phyzowianum		4			4
" sanguineum album		4			4
Gratiola officinalis		6			6
Gypsophila altissima	5	20		5	30
" pratensis		25			25
" repens monstrosa		96	20	13	129
" trichotoma		20			20
Heliopsis scabra gratissima		23			23
Helichrysum lantanum		11	10	7	28
Herniaria glabra		39		4	43
Heuchera splendens		20			20
Hibiscus oculiroseus		16			16
Hieraceum bombycinum		16			16
" gymnocephalum		15			15
" pilosella		31		8	39
" tridentatum		46			46
" marmoreum		38			38
" villosum		59		10	69

PERENNIAL FLOWERING PLANTS  
RAISED ON HOTBEDS.

	Riley Park	Cemeteries	Miscellaneous	Sales	Total
Hutchinsia alpina		22	2	10	34
Iberis sempervirens		50		11	61
Incarvillea grandiflora		6		3	9
Iris dichotoma		1			1
" sanguinea		13			13
" setosa canadensis		11			11
" siberica sanguinea		5			5
Isatis tinctoria		14			14
Leontopodium alpinum		1			1
Leonurus glaucescens		7			7
Linum alpinum		18	10	23	51
Linum flavum	5	28	10	16	59
Lithospermum sibiricum		34			34
Lychnis alpina		61		18	79
" " alba		24		3	27
" flos-cuculi	5	7	10	15	37
" Sartori		70			70
" viscaria splendens	5	27	10	10	52
Malva moschata		7			7
Marrubium serotina		2		3	5
Meconopsis aculeata		7			7
" cambrica aurantiaca		1			1
" eximea		36		3	39
" Prattii		10			10
" sinuata		2			2
Monarda R amaleyi		28			28
Myosotis alpestris		270	10	34	314
" blue		360	5	10	375
" pink		550	5	10	565
Oenothera imperialis		1			1
Orobis lathyroides		30			30
Pentstemon acuminata		12			12
" albidus		24			24
" glaber	5	94	5	13	117
" humilis		4			4
" Menziesii		38			38
" pubescens pygmaeus	5	85	42	32	164
" unilateralis		15			15
Phlomis pungens		10			10
" tuberosa		26		3	29
Physoclaina orientalis	5	46		3	54
Phyteuma hemisphaericum		32			32
" Michelli		10			10
" nigrum		24			24
" obiculare		35			35
" Sieberi		10			10
Phlox lilacina		5			5
" subulata rosea		17		6	23
" " Sprit		4			4

PERENNIAL FLOWERING PLANTS  
RAISED ON HOTBEDS.

	Riley Park	Cemeteries	Miscellaneous	Sales	Total
Platycodon grandiflorum	5	33			38
Potentilla argrophylla		17		3	20
" detommasii		7			7
" dissecta		30		12	42
" egadinensis		39		3	42
" erecta	5	2	10		17
" grandiflora		2			2
" megalodonta	5	46	5	3	59
" nitida		37			37
" recta palmata		72		17	89
Primula carniolica		10		6	14
" capitata		1		1	2
" cortusoides		29		34	331
" farinosa		3			3
" hirsuta		12			12
" pannonica		2			2
Psoralea bituminosa		1			1
Ranunculus abortivus		23			23
" nemorosus		21			21
Rudbeckia hirta	5				5
Rumex aquaticus					2
Salvia Bertoloni					7
" globosa		13		1	14
" nutans		2			2
Saponaria ocymoides	20	19	32	60	306
Saxifraga aizoon		12		4	16
" bathoniensis		12		9	21
" Elizabethae		1			4
" capillaria		1			5
" cotyledon		1			3
" cuncefolia		1			4
" Grisebachii		1			1
" Hostii		5			5
" lantoscana		14			14
" longifolia		6			6
" oppositifolia		9			9
Scabiosa caucasica alba		3			3
Scrophularia lanceolata		13			13
" lateriflora		14			14
" nodosa		33			33
Scutellaria albida		11			11
" tuberosa		28			28
Sedum arce		41		13	59
" aizoon	5	38	7	27	77
" anopetalum		12		2	14
" coccineum		6	10		16
" glaucum		10		4	16
" kamschaticum	5	125		4	134
" lydium		7		3	10
" reflexum	5			28	33
" sexangulare		9			9
" stoloniferum	5	18	11	27	61

PERENNIAL FLOWERING PLANTS  
RAISED ON HOTBEDS.

	Riley Park	Cemeteries	Miscellaneous	Sales	Total
Sempervivum arenarium	5	7			12
Senecio pauciflorus		10			10
Silene alpestre	5	70	10	20	105
" campanula		27		6	33
" chlorantha		10		12	22
" flavescens		28		2	30
" orientale		36	15	28	79
" praemixta		7			7
" pudibunda	5	240	22	45	312
" quadrifida	5	160	21	48	234
" Reichenbackii		19			19
" saxifraga		21		5	26
" zowadskii		49	25	2	76
Solidago Cutleri		5			5
" glabra		10			10
" Riddellii		5			5
Stachys scanica		7			7
Tanacetum huronense		4			4
Thermopsis rhomboides		5			5
Trollius Canary Bird			5	9	14
" europeus				13	13
" Ledebouri	5		10	12	27
Verbascum Chaxii		6			6
" phoeniceum	5	45	6	22	78
Veronica caucasicum		17			17
" excelsa		48			48
" teucrium		32	10		42
" versicolor		67			67
Viola bosniaca		14			14
" Bowles Black	5			27	32
" cream		24		5	29
" papilio		17			17
" pedatifida		55			55
Totals	1268	8514	664	1563	11009

PLANTING RECORD. 1931.

<u>BULBS AND CORMS</u>	<u>SOURCE</u>	St. Geo. Island	City Hall Gardens	Memorial Park	Cemeteries	Nurseries	Sold	TOTALS
Allium albo pilosum	Barr & Son				6			6
Anemone dble. Duke of Clarence	" "				50			50
" St. Brigid	" "				50			50
Chionodoxa gigantea	" "				50			50
" luciliae	" "				100			100
" sardensis	" "				100			100
Corydalis bulbosa	" "				12			12
Crocus Amethyst	" "				10			10
" Barrs Golden Yellow	" "				10			10
" Hero	" "				10			10
" Mangot	" "				10			10
" Mikado	" "				10			10
" Pallas	" "				10			10
" President Lincoln	" "				10			10
Cyclamen ibericum roseum	" "				6			6
" neapolitanum	" "				12			12
Erythronium californicum	" "				12			12
Fritillaria meleagris	" "				12			12
" verticillata var. Thunbergi "	" "				6			6
Galanthus byzantinus	" "				50			50
" single	" "				50			50
Gladiolus triste	" "				12			12
" in variety	Eddie & Son	1450	200	200				1850
Iris Barnumae	Barr & Son				6			6
" hollandia mixed	" "				100			100
" persica Heldreichi	" "				6			6
Lachenalia Siam	" "				6			6
Leucojum autumnale	" "				5			5
" Hernandezi	" "				5			5
" vernum	" "				10			10

PLANTING RECORD, 1931.

<u>BULBS AND CORMS</u>	<u>SOURCE</u>	St. Geo. Island	City Hall Gardens	Memorial Park	Cemeteries	Nurseries	Sold	TOTALS
Lilium tenuifolium	Dropmore Nurs.					88	12	100
" tigrinum	Civic Nurs.						16	16
Muscari azureum	Barr and Son				12			12
" plumosum	" " "				12			12
Narcissus nanus	" " "				12			12
" pumilus minor	" " "				6			6
Ornithogalum nutans	" " "				12			12
" umbellatum	" " "				12			12
Oxalis adenophylla	" " "				12			12
Romulea bulbocodium var. nivalis	" " "				6			6
Scilla patula Excelsior	" " "				12			12
" siberica alba	" " "				50			50
" " taurica	" " "				12			12
Tulipa E.S. La Reine	" " "			995	5			1000
" E.S. Cottage Maid	" " "			995	5			1000
" E.S. Eleanora	" " "			995	5			1000
" E.S. Arvus	" " "			995	5			1000
" E.S. Primrose Queen	" " "		795		55			800
" Remb. Crimson Beauty	" " "	95			5			100
" E.D. Murillo	" " "		400		100			500
" mixed	" " "				100			100
" Old English, mixed	" " "	95			5			100
" Darwin Anthony Roozen	" " "				12			12
" " Baronne de La Tonnaye	" " "				12			12
" " Berthelot	" " "				12			12
" " Clara Butt	" " "				12			12
" " Corydon	" " "				12			12
" " Donders	" " "				12			12
" " Edmee	" " "				12			12
" " Farncombe Sanders	" " "				12			12



PLANTING RECORD. 1931.

<u>BULBS AND CORMS</u>	<u>SOURCE</u>	St. Geo. Island	City Hall Gardens	Memorial Park	Cemeteries	Nurseries	Sold	TOTALS
Tulipa Darwin Faust	Barr & Son				12			12
" " Harry Veitch	" "				12			12
" " La Tulipe Noir	" "				12			12
" " Phillippe de Commines	" "				12			12
" Clusiana	" "				62			62
" Eichleri	" "				6			6
" Kaufmanniana	" "				12			12
" Sprengeri	" "				6			6
	TOTALS	1640	1195	4180	1559	88	28	8690

PERENNIAL FLOWERING PLANTS  
RAISED ON HOTBEDS.

	Cemeteries	Nurseries	Total
Achillea herba-rota		10	10
" magna	11		11
" micans		25	25
" moschata		3	3
" Neilreichii	2	2	4
" tomentosa		100	100
" sarracenicca		93	93
Aconitum napellus albus		37	37
Adenophora potanini		97	97
" verticillata		50	50
Adonis pyrenaicus	8		8
Aethionema armenum	5		5
" Buxbaumii	100		100
" grandiflorum		2	2
" Thommasianum		3	3
Agastache foeniculum	14		14
Agrostemma coronaria	100		100
" " alba	100		100
" Flos-Joves		25	25
Allium ammophilum	8		8
" angulosum		100	100
" cyaneum		50	50
" descendens	2		2
" macrocephalum		94	94
" macrostemon		50	50
" odorum		50	50
" senescens		50	50
Alyssum alpestre	139	10	149
" creticum	200		200
" gemonense	149		149
" petraeum	100		100
" rostratum		78	78
" saxatile	200		200
" " Lemon Queen	100		100
Alsine bankinorum	300		300
" tenuifolium	200		200
Alchemilla pubescens		23	23
" sylvestris		6	6
Anchusa italica Dropmore variety	8		8
" " Lissadell		72	72
" " Picotee		100	100
" myosotidiflora	20		20
Androsace lactea		63	63
" villosa		44	44
Anemone alpina		7	7
" deltoides	1		1
" fulgens		32	32
" Hallerii		50	50
" hortensis		40	40
Anthemis tinctoria	100		100

PERENNIAL FLOWERING PLANTS  
RAISED ON HOTBEDS.

	Cemeteries	Nursery	Total
Anthemis montana		34	34
Anthericum liliago		90	90
" liliastrum	5		5
Aquilegia coerulea		100	100
" glandulosa		100	100
" jucunda	70	196	266
" transylvanica	60	36	96
" mixed		550	550
Arabis alpina	106		106
" " Double White	38		38
" albida superbus	8		8
" allionii		35	35
" argentea variegata		16	16
" rosea		100	100
Arenaria fasciculata	300		300
" grandiflora		56	56
" kotchyana	200		200
" laricifolia	80		80
" montana	11		11
Ameria alpina		91	91
" formosa		93	93
" maritima carminea	14		14
Artemisia mutellina		28	28
Asclepias curassavica		45	45
" incarnata		45	45
" syriaca		7	7
Asperula tinctoria		100	100
Aster alpinus		89	89
" " albus	2		2
" " Goliath		94	94
" " orophilus		23	23
" " yunnanensis		11	11
Astragalus alopecuroides		20	20
" armeniacus	19		19
Aubretia Bougainvillii	176	8	184
" Bridesmaid	4		4
" Dr. Mules	5		5
" Lilac Queen		41	41
" Magician	21		21
" Rich Rose	100		100
" purpurea	46		46
Balsamorhiza macrophylla	5		5
Bellis coerulescens		26	26
" perennial fl.pl.	39		39
" rotundifolia coerulescens		38	38
Borago laxiflora	9		9
Boykinia aconitifolia		38	38
Brayia alpina	100		100
Briza maxima	100		100
Brodiaea congesta		49	49

PERENNIAL FLOWERING PLANTS.  
RAISED ON HOTBEDS.

	Greenhouses	Nursery	Total
Brodiaea lactea		11	11
Calamintha alpina	32		32
Campanula carpatica		200	200
" cetevicaria	19		19
" divaricata	4		4
" excisa		47	47
" fragilis		76	76
" garganica	23	49	72
" " villosa		1	1
" glomerata acaulis		51	51
" " dahurica	74		74
" grandis	97	111	208
" istriaca	105	85	190
" kewensis		14	14
" lactiflora coerulea	9		9
" latifolia		160	160
" Laurii		14	14
" lingulata		16	16
" linifolia	100		100
" macrantha	6	60	66
" marchesiana	10	87	97
" marchesettii	21		21
" media		200	200
" muralis	20	20	40
" Pallassi		98	98
" persicifolia		141	141
" phystidocalyx	58	55	113
" pilosa		86	86
" portenschlagiana		12	12
" pulliodes	12		12
" pusilla	100	30	130
" Pyrauersi	35	100	135
" rapunculoides		100	100
" rotundifolia		4	4
" sarmatica alba	56		56
" sarmentosa		19	19
" sibirica		100	100
" spicata	27	100	127
" stansfieldii		4	4
" thessalica		14	14
" trachelium		100	100
" turbinata	2	192	194
" waldsteiniana	6		6
Centaurea dealbata			
" ruthenica	9		9
Cephalaria tartarica		50	50
Chieranthus Allionii	50		50
" alpinus	100		100
" kewensis	35		35
	100		100

PERENNIAL FLOWERING PLANTS  
RAISED ON HOTBEDS.

	Cemeteries	Nurseries	Total
Chieranthus Senorexi	30		30
Chrysanthemum corymbosum	2		2
"        Leucanthemum proecox		100	100
"        maximum Marion Collier		100	100
"        pallens	90		90
Chrysopsis villosa		95	95
Cirsium Velenowskyi		30	30
Cistus crispus		8	8
"        purpurens		13	13
"        villosus		10	10
Claytonia virginica	8		8
Clematis tangutica		96	96
"        verticillata		4	4
Codonopsis ovata	10	90	100
Convalaria majalis	7		7
Corydalis sempervirens	6		6
Cotoneaster microphylla	1		1
Cyclamen coum		4	4
"        ibericum roseum		4	4
"        neapolitanum	7		7
Delphinium cashmerianum	10	100	110
"        caucasicum		50	50
"        chinensis		100	100
"        hybridum		300	300
"        nudicaule	48		48
"        "        Lemon Queen	40		40
Dianthus alpinus	199	87	286
"        argernensis		76	76
"        atrorubens	23	22	45
"        barbatus	20	380	400
"        caesius	17	94	111
"        deltoides	18	209	227
"        erythrocoleus	7		7
"        Hoeltzeri	27	14	41
"        Knappii	27		27
"        laciniatus	255	92	347
"        neglectus	11	69	80
"        orbelicus	13		13
"        pallens	20	11	31
"        Panicii	10		10
"        petraeus	22	87	119
"        Seguieri		42	42
"        speciosus		94	94
"        strictus		247	247
"        superbus nanus	8	85	93
"        sylvestris	10	174	184
"        tener		26	26
"        virgineus	10	10	20
"        wimmeri		22	22

PERENNIAL FLOWERING PLANTS  
RAISED ON HOTBEDS.

	Cemeteries	Nurseries	Total
Dianthus ronatus		11	11
Dictamnus alba	2		2
Digitalis ambigua	100	49	149
" gloxinoides	200		200
" lanata		33	33
" lutea	100		100
Dipsacus sylvestris	35		35
" torsus	36		36
Dodecatheon Hendersonii		36	36
" media alba		46	46
" salinum		49	49
Douglasia vitaliana		16	16
Draba aizoon	19		19
" aizoides	100	92	192
" cornuta	15	32	47
" dedeana	100		100
" fladnizensis		64	64
" Haynaldii	10		10
" lasiocarpa	50		50
" laxa	53		53
" rigida		10	10
" scandinavica		55	55
Dracocephalum grandiflorum		33	33
" Isabellae		13	13
" nutans	4		4
" ruyschianum	12		12
Echinops sphaerocephalus	18		18
Echium vulgare grandiflora		100	100
Edrianthus bosniaca		81	81
Emmenanthe penduliflora	13		13
Epilobium nummularifolium	400		400
Erigeron alpinus	20	100	120
" aurantiacus	30	75	105
" pulchellus		100	100
Erinus alpinus	21	123	144
Eriophyllum pendunculatum	8		8
Erodium amanum	1		1
" maeradenum	2		2
" romanum	5		5
Erysimum capitatum		45	45
" cuspidatum	100		100
" linifolium	42	31	73
Eryngium canescens		48	48
" repandum	50		50
Fritillaria meleagris	98		98
Funkia Fortunei	36		36
Gaillardia kermesiana splendens		40	40
Galega officinalis		50	50
" orientalis	22		22

PERENNIAL FLOWERING PLANTS  
RAISED ON HOTBEDS.

	Cemeteries	Nurseries	Total
Gentiana acaulis	5	7	12
" angustifolia		3	3
" excisa		7	7
" depressa		4	4
" Farxetii		22	22
" Kesselringii	41		41
" lagodechiana		5	5
" lutea	4		4
" phlogifolia		25	25
" Pyrewalkskii	1		1
" rocheliana		6	6
" septemfida		34	34
" Walejewii		2	2
Genista tinctoria	3		3
Geranium argenteum	12	32	44
" cinereum		15	15
" grandiflorum	1		1
" lancastriense		22	22
" pratense		50	50
" pylzowianum	27	16	43
Geum coccineum	8		8
" macrophyllum		52	52
Glaucium tricolor	21		21
" rubrum	22	50	72
Gratiola officinalis	25		25
Gypsophila cerastioides	10	65	75
" repens monstrosa	269		269
" Rokejeka roseus	91	4	95
Helenium Bigelowi		100	100
" Hoopesii		100	100
" Riverton Gem		100	100
Helianthus petiolaris	5		5
Heliopsis helianthoides	5		5
Herniaria glabra	400		400
" hirsuta	400		400
Heuchera glabra		6	6
" sanguinea splendens		33	33
Hesperis matronalis	100		100
Hibiscus diversifolius		8	8
Hieraceum tridentatum	11		11
" villosum	62	90	152
Hollyhock Allegheny Mammoth		48	48
" mixed		32	32
Houstonia serpyllifolia		7	7
Hutchinsia alpina	86		86
Hypericum elegans		100	100
" perforatum	7		7
" tomentosum		48	48
Iberis gibraltarica	35		35

PERENNIAL FLOWERING PLANTS  
RAISED ON HOTBEDS.

	Cemeteries	Nurseries	Total
Iberis gibraltarica Hybrids	34		34
" sempervirens	10		10
Incarvillea Delavayii		100	100
" grandiflora	110	79	189
Inula dysenterica	5		5
Iris Monnieri	20	3	23
" setosa canadensis	20	29	49
" sibirica		22	22
" " sanguinea		22	22
" stylosa	5		5
" Wilsonii	12		12
Isatis glauca	50		50
Jasione humilis		17	17
" montana		33	33
" perennis		19	19
Lachenalia siam		7	7
Lathyrus latifolius		48	48
Lavatera cretica	5		5
Leonurus cardiacus	11		11
" glaucescens	30		30
" sibericus	100		100
Leycesteria formosa		54	54
Libertia grandiflora		48	48
Lilium Backhouse Hybrids		20	20
" bulbiferum		9	9
" dalmaticum hybrids		25	25
" pyrenaicum	4		4
" tenuifolium		50	50
Linaria alpina	15		15
" cymbalaria	40		40
" dalmatica		100	100
" purpurea	50		50
" triphylla	25		25
Linum alpinum	100	90	190
" campanulatum	4		4
" flavum		31	31
Lithospermum officinalis	19		19
" petraeum	4		4
Lotus corniculatus		15	15
" siliquosus	30		30
" tetragonolobus		2	2
Lunaria biennis	47		47
Lupinus Lyalli	2	2	4
" (Thorpe Hall)	17		17
Lychnis alpina	6	194	200
" chalceodonica		100	100
" " salmonea		100	100
" flos-cuculi	17	4	21
" haageana		100	100



PERENNIAL FLOWERING PLANTS  
RAISED ON HOTBEDS.

	Cemeteries	Nurseries	Total
<i>Lychnis viscaria splendens</i>		87	87
<i>Lysimachia dubia</i>	46	31	77
<i>Lythrum roseum</i>		100	100
" <i>virgatum</i>		47	47
<i>Malva moschata</i>	28		28
" <i>sylvestris</i>	14		14
<i>Mamillaria vivipara</i>		5	5
<i>Marrubium candidissimum</i>	30	21	51
" <i>catariefolium</i>	10		10
<i>Meconopsis cambrica aurantiaca</i>	95		95
" <i>eximea</i>		89	89
" <i>paniculata</i>		8	8
" <i>Prattii</i>		93	93
" <i>racemosa</i>		50	50
" <i>sinuata latifolia</i>		12	12
<i>Mertensia virginica</i>		96	96
<i>Monarda Ramaleyi</i>		4	4
<i>Myosotis alpestris blue</i>	100		100
" <i>alba</i>	200		200
" <i>blue</i>	200		200
" <i>dissitiflora, Perfection</i>	4		4
" <i>pink</i>	100		100
" <i>rupicola</i>	18	8	26
<i>Nepeta cataria</i>	17		17
" <i>macrantha</i>	48		48
" <i>mussini</i>	35	12	47
" <i>nepetella</i>	59		59
<i>Oenothera fruticosa</i>	20	31	51
" <i>glauca</i>	20	28	48
" <i>Hookerii</i>	10		10
" <i>imperialis</i>		50	50
" <i>longiflora</i>	3		3
" <i>macrantha</i>		100	100
" <i>Pilgrimii</i>		30	30
" <i>pumila</i>	15		15
" <i>pusilla</i>		134	134
" <i>serotina</i>	4	32	36
<i>Onosma albo-roseum</i>	1		1
<i>Orobus lathyroides</i>		48	48
<i>Oxybaphus nyctagineus</i>	2		2
<i>Papaver alpinum</i>	50	105	155
" <i>nudicaule</i>	50		50
" <i>orientale alba</i>		50	50
"    " <i>Beauty of Livermere</i>		100	100
"    " <i>Mahoney</i>		100	100
"    " <i>Perrys White</i>		50	50
"    " <i>Salmon Pink</i>		100	100
"    " <i>Scarlet</i>		50	50

PERENNIAL FLOWERING PLANTS  
RAISED ON HOTBEDS.

	Cemeteries	Nurseries	Total
Pentstemon albidus	10		10
" angustifolius		47	47
" centranthifolius		6	6
" cobaea	1	17	18
" glaber	36		36
" glaber roseus		86	86
" grandiflorum		41	41
" Menziesii		97	97
" pubescens pygmaeus	10	77	87
" rupicola roseus		1	1
" secundiflorus	17		17
" unilateralis		25	25
Petalostemon violaceum	6	19	25
Phlomis alpina	9		9
" pungens	10	39	49
" tuberosa	10	146	156
" viscosa	3		3
Phlox amoena		23	23
" lilacina		6	6
" subulata rosea		59	59
Physoclaina orientale		100	100
Phyteuma lobeloides		48	48
" Michelli		36	36
" nigrum		50	50
" obiculare		100	100
" Scheuchzeri		50	50
" Sieberi	4		4
Phytolacca ceandra	22		22
Platycodon chinensis		100	100
" grandiflora		50	50
Podophyllum Emodi	1		1
Potentilla alchemilloides	103		103
" buccoana	35		35
" cimicifuga	13		13
" egadinensis		47	47
" 2 fruticosa		100	100
" glandulosa lactea		21	21
" " nevadensis	8		8
" hippiana	4	20	24
" hookeriana	14	50	64
" Miss Willmott	13		13
" montenegrina		17	17
" nitida		51	51
" pimpernelloides		22	22
" sanguisorbaefolia		6	6
" sibirica		10	10
" sterilis		50	50
" thyrifera	56		56

PERENNIAL FLOWERING PLANTS  
RAISED ON HOTBEDS.

	Cemeteries	Nurseries	Total
Potentilla Veitchii		150	150
" villosa		99	99
" visiana		50	50
Polemonium album		40	40
" coeruleum		100	100
" himalaicum		50	50
" humile		16	16
" Richardsonii		100	100
Polyanthus Primrose Spetchley		24	24
Polyanthus mixed	104	51	155
Primrose choice mixed	30		30
Primula anisidora		36	36
" auricula		10	10
" beesiana		29	29
" cashmeriana		59	59
" carniolica		4	4
" capitata mooreana	20	171	191
" chionantha		20	20
" cortusoides	287	47	334
" clusiana		1	1
" denticulata	4	83	87
" florindae	96		96
" frondosa	12		12
" japonica, Miss Jekylls' Hybrids		43	43
" littoniana		10	10
" longiflora	30	98	128
" lutea		5	5
" marginata		7	7
" microdonta		3	3
" nivalis		2	2
" officinalis	53	92	145
" sikkimensis	39		39
" Veitchii	31	28	59
" Veris	100	95	195
" vittata	12		12
Prunella grandiflora	85	46	131
" laciniata		36	36
" laciniata alba		16	16
Pyrethrum Hybridum		100	100
Ranunculus abortivus		37	37
" gramineus		58	58
" nemorosus		35	35
" (from Moraine Lake)		126	126
Rudbeckia flava	15		15
" hirta	169		169
Rheum officinalis	7		7
Rumex aquaticum	5		5
" obtusifolius		50	50
" occidentalis		35	35
" pulcher	7		7

PERENNIAL FLOWERING PLANTS  
RAISED ON HOTBEDS.

	Cemeteries	Nursery	Total
Salvia bosniaca		50	50
" globosa	7		7
" verbascifolia	3		3
" verticillata	5		5
Sanguisorba minor	7		7
Samolus Valerandii		98	98
Saponaria ocymoides	212	26	238
Saxifraga aizoon		59	59
" bathoniensis	50		50
" bifurcata		23	23
" Borzoi alba		21	21
" burseriana crenata		11	11
" " magna		6	6
" " minor		7	7
" caespitosa		32	32
" capillaria		20	20
" cordifolia		32	32
" cotyledon		19	19
" cuneifolia		28	28
" decipiens		23	23
" Elizabethae		8	8
" Griesbachii		7	7
" Haagii		27	27
" Hostii		10	10
" James Branner		1	1
" kolenthiana		18	18
" lingulata lantoscana		7	7
" longifolia		2	2
" apiculata		16	16
" oppositifolia		22	22
" Rhoei		62	62
" sancta		7	7
" sanguinea splendens		21	21
" trifurcata		17	17
Scabiosa caucasica	11		11
" " alba	10		10
" columbaria		100	100
" " corrivaniana	7		7
Scrophularia marilandica	13		13
Scutellaria albida	12		12
Sedum acre		59	59
" aizoon	100		100
" album	5	136	141
" alpestre		40	40
" anglicum		1	1
" anopetalum	16	35	51
" Borderi		1	1
" Douglasii	57		57
" Ewersii	12	27	39
" glaucum		47	47

PERENNIAL FLOWERING PLANTS  
RAISED ON HOTBEDS.

	Cemeteries	Nurseries	Total
Sedum hispanicum		8	8
" ibericum		23	23
" kamschaticum	164	71	335
" " varigatum		23	23
" Leibergii		30	30
" lydium		20	20
" murale		8	8
" Neveii		46	46
" obtusatum		3	3
" reflexum	24	58	82
" rhodiola		57	57
" rupestre		25	25
" Seiboldii		24	24
" sexangulare		27	27
" spectabile; Brilliant		6	6
" spureum splendens	136		136
" stoloniferum	120		120
" telephium occidentale	14		14
" ternatum	6		6
Sempervivum arachnoideum		81	81
" arenarium		98	98
" Braunii		10	10
" montana		15	15
" parvulum		36	36
" pyrenaicum		5	5
" rupestre		40	40
" tectorum		27	27
" tenellum		26	26
" triste		6	6
" Zöwnes Hybrids		5	5
Senecio clivorum		100	100
Sidalcea candida	22		22
" malvaeflora Listeri	2		22
" rosea		78	78
Silene acaulis carmineus	12	10	22
" alpestre		80	80
" behen	8		8
" campanula	10		10
" chlorantha	5		5
" fabaria	14		14
" flavescens	5		5
" orientale	74		74
" pudibunda	260		260
" quadrifida	325		325
" Reichenbackii	11		11
" rupestre	11	22	33
" saxifraga		81	81
" shafta		68	68
" Zowadskii	20		20

PERENNIAL FLOWERING PLANTS  
RAISED ON HOTBEDS.

	Cemeteries	Nursery	Total
Silphium trifoliatum	1		1
Sisyrinchium angustifolium	5		5
Solidago arguta	11		11
" Cutlerii	6		6
" glabra	117		117
" spectabile	3		3
" uliginosa		22	22
Stachys grandiflora superba	19		19
Stenanthium robustum		1	1
Symphyanthra Hoffmanii	9	13	22
" pendula	60		60
" Wanneri		40	40
Teucrium chamaeris		25	25
" polium		16	16
Thalictrum aquilegifolium	29		29
" flavum	2		2
" saxatile		29	29
Thermopsis montana	7		7
Thymus azoricus		3	3
" buxifolius		2	2
" nummularius		10	10
" serpyllum	36	54	90
" " albus		35	35
" " lanuginosum	27	51	78
Tiarella cordifolia	6		6
Trifolium uniflorum		4	4
Trollius Canary Bird		100	100
" Earliest of All		100	100
" Excelsior		100	100
" Ledebouri	5	200	205
" palustus		132	132
" F. Smith		35	35
" Thomas S. Ware		34	34
" yunnanensis		50	50
Tunica saxifraga		50	50
Verbascum Chaxii	5	50	55
" Harkness Hybrids		50	50
" phoeniceum	9	100	109
" pulverulentum	10		10
Veronica caucasica	10	100	110
" excelsa		90	90
" gentianoides	10	94	104
" incana		31	31
" pectinata		63	63
" repens	250		250
" saxatilis		72	72

PERENNIAL FLOWERING PLANTS  
RAISED ON HOTBEDS.

	Cemeteries	Nursery	Total
Veronica spicata		100	100
" " alba	48		48
" teucrium	100		100
" versicolor	40	12	52
Vesicaria (Bladder Pod)	12		12
Viola bosniaca		17	17
" Bowles Black	11		11
" Haslemeri	18		18
" Lord Nelson	11		11
" lutea	12		12
" mixed	53		53
" odorata	6		6
" " alba	6		6
" papilio	50		50
" praemosa	3		3
" semperflorens alba	2		2
" " blue	10		10
" violet	50		50
Wahlenbergia dalmatica	2		2
Totals	15115	22205	37320

BEDDING PLANTS RAISED IN  
GREENHOUSE AND ON HOTBEDS. 1931.

	St. Geo. Island	Riley Park	Mt. Pleasant Park	Memorial Park	Elbow Blvd. Park	City Hall Plot	Tompkins Gardens	Cemeteries	Nursery	Miscellaneous	Greenhouse Totals	Hotbed Totals
Aeroelinum	72	72	72	72	72			120	400	12	492	400
Ageratum		72	72	800	192			398		12	1136	150
Alyssum (sweet)		216		800	796			372		24	1908	300
Amaranthus cordatus								50				50
Anagallis fruticosa								200				200
Anchusa, Blue Bird			72	72				144		24	312	
Anoda lavateroides								100				100
Antirrhinum	1600	2900	1000	3400	1100	968	600	8500		412	20480	
Arctotis breviscarpa		72		72				192		12	348	
" grandis								90				90
Aster	400	844	600	400			200	1824			4268	
Bellis monstrosa	500	200	72		72			1200		24	2068	
Calceolaria mexicana								100				100
Calliopsis in variety		72	72	72	72			144		24	456	
Calendula officinalis	216	144	144	144	72	144		1032		24	1776	
Caranthe aspera								63				63
Carnation		516	200	200	72		72	620		12	1690	
Centaurea imperialis	72							192			264	
Chrysanthemum, annual			72					72		12	156	
Cleome viscosa								100				100
Cosmos in variety								200				200
Datura								143				143
Dianthus Heddewigii	400	672	272	200	72			948		112	2576	
" (annual Sweet William)	216	72	144	72	72			408		12	996	
Dimorphotheca			72	144				552			768	
Dracocephalum moldavicum								50				50
Eschscholtzia								100				100
Felicia bergeriana								100				100
" rotundifolia								100				100
Fragaria								100				100
Geranium (Zonal)	12			1000						28	1040	

7-4  
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BEDDING PLANTS RAISED IN  
GREENHOUSE AND ON HOTBEDS. 1931.

	St. Geo. Island	Riley Park	Mt. Pleasant Park	Memorial Park	Elbow Blvd. Park	City Hall Plot	Tompkins Gardens	Cemeteries	Nursery	Miscellaneous	Greenhouse Totals	Hotbed Totals
Godetia in variety								108				108
Helichrysum		72	72	72				264	200	12	492	200
Ionopsidium acaule								500				500
Larkspur		72						48		12	132	
Lavatera								114		12	12	114
Linaria in variety								75				75
Lobelia	48	200		7510	300			600		60	8718	
Marigold, African	144	72	144	144	72			552			1084	
Marigold, French	72	72	144	144	72			696		12	1212	
Medicago scutellata (Snail Clover)								6				6
" echinus								13				13
Mignonette								123				123
Mimulus luteus								45				45
Nycotis alpestris Distinction	72	72			72			120			336	
Nasturtium		216			192			72		36	516	
Nemesia	416	1028	616		572	400	200	1824		60	5116	
Nicotiana	144	272	72	522	72	200		674		12	1968	
Nigella hispanica								50				50
Nigella, Miss Jekyll Hybrids								50				50
Omphalodes linifolia								100				100
Pansies	951	832		600	288		600	4618		196	8085	
Papaver commutatum								500				500
" lecoquei								400				400
Petunia	516	616	444	2360	1020		72	364		60	5452	
Phlox drummondii	200									12	212	
Polygonum (Persicaria)								90				90
Portulaca								72		12	84	
Rumex roseus								89				89
Salpiglossis in variety	144	216	72	72		288	72	652		12	1528	

122

BEDDING PLANTS RAISED IN  
GREENHOUSE AND ON HOTBEDS. 1931.

	St. Geo. Island	Riley Park	Mt. Pleasant Park	Memorial Park	Elbow Blvd. Park	City Hall Plot	Tompkins Gardens	Cemeteries	Nursery	Miscellaneous	Greenhouse Totals	Hotbed Totals
Scabiosa in variety		72		72				264			408	
Schizanthus		72		144	72			768			1056	
Sedum coeruleum								100				100
Shortia californica								100				100
Silene armeria								100				100
" pendula compacta	144		144	72	216	144		456			1176	
Statice in variety	144	72						336	600		552	600
Stocks		380		144	72		72	552			1200	
Tagetes				800				72			872	
Verbena	472	168	200					244			1084	
Viscaria		72		72				72			216	
Zinnia								30				30
<b>Totals</b>	<b>6955</b>	<b>10408</b>	<b>4702</b>	<b>20176</b>	<b>5601</b>	<b>2144</b>	<b>1888</b>	<b>33758</b>	<b>1200</b>	<b>1152</b>	<b>82245</b>	<b>5739</b>

99  
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14

STOCK PURCHASED FOR TRIAL AND PROPOGATION 1931

Perennials	Purchased from
10 Aconitum uncinatum	Robbins Nurseries
1 Achillea ageratifolia	Dropmore Nurseries
1 Adenophora bulleyana	" "
10 Adiantum pedatum	Robbins Nurseries
6 Adonis amurensis fl.pl.	" "
1 Aethiopapus pulcherrimus	Dropmore Nurseries
10 Athyrium felix-femina	Robbins Nurseries
1 Anemone pulsatilla Mrs.Vander Elst	Stormouth & Sons
1 " montana	Dropmore Nurseries
6 Anthericum liliastrum majus	Barr & Son
6 " " maximum	" "
6 " liliago	" "
6 " " majus	" "
1 Anthyllis montana	Lake Hill Nurseries
1 Arenaria Ledebouriana	Dropmore Nurseries
1 Arctostaphylos uva-ursi	Lake Hill Nurseries
1 Arisaema triphyllum	" " "
1 Armeria caespitosa	" " "
1 " maritima laucheana	" " "
1 Aster altaicus	Dropmore Nurseries
10 Asarum Shuttleworthii	Robbins Nurseries
1 Asplenium trichomanes	Stormouth & Sons
6 Astilbe Ceres	Barr & Son
6 " Juno	" "
6 " Kriemhilde	" "
6 " Peach Blossom	" "
6 " Queen Alexandra	" "
6 " Rose Perle	" "
6 " Venus	" "
6 " Walkure	" "
1 Aubretia Bridesmaid	Lake Hill Nurs.
1 " Crimson King	" " "
1 " Dr. Mules	" " "
1 " Lavender	" " "
5 Baptisia tinctoria	Robbins Nurseries
1 Berberis nana	Lake Hill Nurseries
1 Caltha biflora	" " "
1 Campanula caespitosa	Dropmore Nurseries
10 " divaricata	Robbins Nurseries
1 " garganica villosa	Lake Hill Nurseries
1 " portenschlagiana	" " "
1 " pulla C.G.F.Wilson	" " "
1 " rotundifolia	" " "
1 " Stansfieldii	" " "
5 Carex Frazeri	Robbins Nurseries
1 Cassiope mertensiana	Lake Hill Nurseries
10 Caulophyllum thalictroides	Robbins Nurseries
1 Centaurea nigra	Dropmore Nurseries
10 Chamaelirium luteum	Robbins Nurseries
1 Clematis integrifolia	Dropmore Nurseries
1 " recta	" "
20 Clintonia borealis	Robbins Nurseries
12 Convallaria majalis	Dropmore Nurseries
2 Convolvulus japonicus	" "

STOCK PURCHASED FOR TRIAL AND PROPOGATION 1931

<u>Perennials</u>		<u>Purchased from</u>
1	Cotoneaster adpressa	Lake Hill Nurseries
1	" glacialis	" " "
1	" rotundifolia prostrata	" " "
1	Cypripedium acaule	" " "
1	" arietinum	" " "
1	" candidum	" " "
1	" californicum	" " "
1	" hirsutum	" " "
1	" japonicum	" " "
1	" montanum	" " "
1	" parviflorum	" " "
1	" passerinum	" " "
1	" pubescens	" " "
1	" spectabile	" " "
1	" speciosum	" " "
1	Cytissus Kewensis	" " "
1	Cistus ardoinii	" " "
1	" purpureum	" " "
1	" versicolor	" " "
1	Daphne blagayana	" " "
1	" cneorum	" " "
1	Dianthus caesius fl.pl.	" " "
1	" " Vera	" " "
1	" subacaulis	" " "
2	Dictamnus albus rubra	Dropmore Nurseries
1	Douglasia vitaliana	Lake Hill Nurseries
1	Draba rigida	" " "
1	Dracocephalum grandiflorum	" " "
1	Erigeron leiomerus	" " "
1	Eryngium Bourgatei	" " "
10	Euphorbia corollata	Robbins Nurseries
1	Euonymus Kewensis	Lake Hill Nurseries
1	Galatella linifolia	Stormouth & Sons
1	Galax aphylla	" "
1	Genista dalmatica	Lake Hill Nurseries
11	" prostrata	Dropmore & Lake Hill Nurseries
10	Gentiana Andrewsii	Robbins Nurseries
1	" angustifolia	Lake Hill Nurseries
1	" asclepiadea alba	Stormouth & Sons
1	" excisa	Lake Hill Nurseries
1	" freyniana	Stormouth & Son
1	" Purdomi	" "
1	" sino-ornata	Lake Hill Nurseries
1	Geranium Endressi	Stormouth & Son
1	" ibericum	" "
5	" maculatum	Robbins Nurseries
1	" praetense alba	Stormouth & Son
5	Geum montanum	Robbins Nurseries
1	Gunnera scabra	Stormouth & Son
1	Gypsophila aretioides	" "
1	" fastigiata	" "
5	Habenaria ciliaris	Robbins Nurseries
1	Helleborus caucasicus	Stormouth & Son

STOCK PURCHASED FOR TRIAL AND PROPOGATION 1931

Perennials	Purchased from
1 <i>Helleborus viridis</i>	Stormouth & Son
1 <i>Helenium magnificum</i>	" "
1 " <i>pumilum</i>	" "
1 <i>Helichrysum frigidum</i>	" "
24 <i>Hepatica angulosa alba</i>	" "
10 " <i>acutiloba</i>	Robbins Nurseries
1 <i>Hemerocallis Dumortierii</i>	Dropmore Nurseries
1 " <i>Mildendorffiana</i>	" "
2 <i>Houstonia coerulea</i> Millard's variety	Lake Hill Nurseries
10 " <i>purpurea</i>	Robbins Nurseries
10 " <i>serpyllifolia</i>	" "
1 <i>Hypericum ascyron</i>	Dropmore Nurseries
1 <i>Impatiens acaulis</i>	Stormouth & Son
14 <i>Iris arenaria</i>	Dropmore Nurseries
1 " <i>aphylla hungarica</i>	" "
1 " <i>Congiaiti illiyrica</i>	" "
1 " <i>clamberis aurea</i>	Stormouth & Son
1 " " <i>La Ferle</i>	" "
1 " " <i>Eiendard de Jeanne</i>	" "
1 " <i>flavescens alba</i>	Dropmore Nurseries
12 " <i>graminea</i>	" "
3 " <i>gracilis</i>	Stormouth & Son
6 " <i>japonica</i>	Barr and Son
11 " <i>ruthenica</i>	Dropmore Nurseries
2 " <i>setosa</i>	" "
1 " " <i>siberica</i>	" "
1 " <i>siberica</i>	" "
1 " " <i>orientalis</i>	" "
12 " <i>sisyrinchium</i>	Barr & Son
12 " <i>virginiana</i>	Dropmore Nurseries
10 " <i>verna</i>	Robbins Nurseries
1 <i>Juniperus communis compressa</i>	Lake Hill Nurseries
1 " <i>horizontalis</i>	" " "
1 " " <i>Dougllassi</i>	Dropmore Nurseries
1 " <i>squamata var. prostrata</i>	Lake Hill Nurseries
1 <i>Kalmia polifolia microphylla</i>	" " "
1 <i>Lathyrus rotundifolia</i>	Stormouth & Son
1 <i>Lewisia Tweedyi</i>	Lake Hill Nurseries
1 <i>Libertia grandiflora</i>	Stormouth & Son
1 <i>Linum austriacum</i>	" "
1 " <i>narbonense</i>	" "
1 <i>Lithospermum canescens</i>	Lake Hill Nurseries
1 " <i>graminifolium</i>	" " "
1 " <i>intermedium</i>	" " "
2 " <i>prostratum</i>	" " "
1 <i>Lonicera coerulea edulis</i>	Dropmore Nurseries
10 " <i>japonica halliana</i>	Robbins Nurseries
2 <i>Lotus corniculatus fl. pl.</i>	" "
1 <i>Lythrum salicaria Perry's variety</i>	Stormouth & Son
1 " <i>virgatum</i>	" "
1 <i>Mamillaria vivipara</i>	Lake Hill Nurseries
1 <i>Meconopsis Wallacei</i>	Stormouth & Son
1 <i>Melissa officinalis aurea variegata</i>	" "
1 <i>Mammulus cardinalis</i>	Lake Hill Nurseries

STOCK PURCHASED FOR TRIAL AND PROPOGATION 1932.

Perennials	Purchased from
1 Mimulus Lewisi albus	Lake Hill Nurseries
1 Monarda Cambridge Scarlet	Stormouth and Son
1 " didyma	" " "
1 " " salmonea	" " "
1 " rosea	" " "
1 " violacea superba	" " "
1 Nepeta Souvenir A. Chandon	" " "
1 " ukranica	Dropmore Nurseries
1 Omphalodes verna	Lake Hill Nurseries
1 Opuntia fragilis	" " "
1 " rubra	" " "
1 " vulgaris	" " "
1 Orbus aurantiacus	Stormouth & Son
1 Paeony Mons. M.Cahuzac	" "
1 " alba	" "
1 " La Negresse	" "
1 " Solange	" "
1 Pentstemon Barrettae	Lake Hill Nurseries
1 " fruticosus	" " "
1 " Menziesii	" " "
1 " procerus	" " "
1 " Richardsonii	" " "
1 " rupicola	" " "
1 " " roseus	" " "
1 " Scouleri	" " "
1 " " albus	" " "
1 Petrocallis pyrenaica	" " "
1 Phlox amoena	" " "
1 " divaricata Perry's White	Stormouth and Son
1 " Ada Blackjack	Dropmore Nurseries
1 " Hardy White	" "
1 " subulata alba	" "
1 Polemonium reptans	Stormouth and Son
10 Polegonatum commutatum	Robbins Nurseries
1 Polygonum vacciniifolium	Lake Hill Nurseries
1 Potentilla Carnival	Stormouth & Sons
1 " chromatella	" "
1 " dahurica	Dropmore Nurseries
1 " Golconde	Stormouth and Sons
1 " Gloire de Nancy	" " "
1 " La Nuit	" " "
1 " La Vesuve	" " "
1 " Louis Van Houtei	" " "
1 " Meirschaeteri fl.pl.	" " "
1 " Milton	" " "
1 " Rouillard	" " "
1 " purpurea lutea	" " "
5 " tridentata	Robbins Nurseries
1 " versicolor	Stormouth and Sons
1 " Victor Lemoine	" " "
1 Primula acaulis Bergundy	" " "
1 " " A. Dumollin	" " "
1 " " French Grey	" " "
1 " " White	" " "
1 " amaranthina plena	" " "

STOCK PURCHASED FOR TRIAL AND PROPOGATION 1932

Perennials	Purchased from
1 Primula beesiana	Stormouth & Son
1 " bulleyana	" "
1 " carniolica	" "
1 " calycina	" "
1 " ciliata coccinea	" "
1 " clusiana	" "
1 " helodoxa	" "
1 " integrifolia	" "
1 " Juliae	" "
1 " " Juliana	" "
1 " japonica	" "
1 " marginata alba	" "
1 " mistassinica	" "
1 " nivalis	" "
1 " suffrutescens	Lake Hill Nurseries
1 " wialensis	Dropmore Nurseries
10 Pteridium aquilinum	Robbins Nurseries
1 Rhododendron albiflorum	Lake Hill Nurseries
1 " calostratum	" " "
1 " ciliatum	" " "
1 " fastigiatum	" " "
1 " flavidum	" " "
1 " myrtilloides	" " "
1 " racemosum	" " "
1 " scintillans	" " "
1 " Williamsianum	" " "
1 Romanzoffia unalaschensis	" " "
1 Rosa Rouletti	" " "
1 Rudbeckia laciniata	Dropmore Nurseries
1 Salix retusa	Lake Hill Nurseries
10 Sanguinaria canadensis	Robbins Nurseries
1 Saxifraga Bordyi alba	Lake Hill Nurseries
1 " burseriana crenata	" " "
1 " " magna	" " "
1 " " minor	" " "
1 " " sulphurea	" " "
1 " marginata	" " "
1 Sempervivum Braunii	Dropmore Nurseries
1 " montanum	" "
1 Sphaeralcea coccinea	Lake Hill Nurseries
1 Spiraea filipendula	Dropmore Nurseries
2 " ulmaria fl.pl.	" "
10 Stenanthemum robustum	Robbins Nurseries
1 Ranacetum balsamita	Dropmore Nurseries
1 Thymus serphyllum album	Lake Hill Nurseries
1 " " coccineus	" " "
2 Tradescantianbracteata	Dropmore Nurseries
1 Trifolium uniflorum	Lake Hill Nurseries
10 Uvularia perfoliata	Robbins Nurseries
1 Veronica armena	Lake Hill Nurseries
1 " pectinata	" " "
1 " teucrium dubia rosea	" " "
1 " Wardiensis	" " "

STOCK PURCHASED FOR TRIAL AND PROPAGATION 1932.

Perennials	Purchased from
10 <i>Viola blanda</i>	Robbins Nurseries
10 " <i>cuculata</i>	" "
10 " <i>pedata</i>	" "
10 " " <i>bicolor</i>	" "
5 <i>Xerophyllum asphodeloides</i>	" "
1 " <i>tenax</i>	Lake Hill Nurseries
<u>Bulbs</u>	
12 <i>Allium kanataviense</i>	Barr & Son
1 " <i>ororatum</i>	Dropmore Nurseries
12 <i>Anemone blanda</i>	Barr & Son
100 " <i>Brilliant Scarlet</i>	" "
50 " <i>fulgens annulata grandiflora</i>	" "
12 " <i>nemorosa Allenii</i>	" "
50 <i>Bulbocodium vernum</i>	" "
6 <i>Calochortus albus</i>	" "
6 " <i>amoena</i>	" "
50 " <i>mixed</i>	" "
12 <i>Camassia esculenta Silver Queen</i>	" "
3 <i>Crocus biflorus Adami</i>	" "
3 " " <i>argenteus</i>	" "
3 # " <i>pusillus</i>	" "
3 # " <i>Weldenii</i>	" "
3 " " <i>albus</i>	" "
10 " <i>Blue Celeste</i>	" "
10 " <i>Cathleen Parlow</i>	" "
50 " <i>Cloth of Gold</i>	" "
50 " <i>Cloth of Silou</i>	" "
3 " <i>minimus</i>	" "
3 " <i>New Species</i>	" "
3 # <i>pestalazzae var. voerulea</i>	" "
10 " <i>purpureus grandiflorus</i>	" "
3 " <i>susiana</i>	" "
3 " <i>vernus L'Unique</i>	" "
3 " " <i>Stormland</i>	" "
3 " <i>versicolor pectunatus</i>	" "
6 <i>Cyclamen neapolitanum album</i>	" "
6 " <i>repandum</i>	" "
10 <i>Erythronium americana</i>	Robbins Nurseries
6 <i>Fritillaria citrina</i>	Barr & Son
25 " <i>pubica</i>	Dropmore Nurseries
1 " <i>pyrenaica</i>	Lake Hill Nurseries
6 " <i>recurva</i>	Barr & Son
12 <i>Galtonia candicans</i>	" "
12 <i>Glaucidium nanus Ackermannii</i>	" "
12 " " <i>Blushing Bride</i>	" "
12 " " <i>cardinalis elegans</i>	" "
12 " " <i>Peach Blossom</i>	" "
12 " " <i>Red Prince</i>	" "
12 " " <i>Spitfire</i>	" "
12 <i>Ixiolirion montanum tartaricum</i>	Dropmore Nurseries
12 <i>Lilium alutaceum</i>	" "
12 " <i>concolor</i>	" "



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Bulbs	Purchased from
12 Gladiolus dauricum	Barr and Son
1 " Duchartrei var.Farreri	" "
1 " elegans Alice Wilson	" "
1 " " semi-plena	" "
1 " giganteum	" "
1 Lilium Kramerii	" "
1 " Marhan	" "
12 " philadelphicum	Dropmore Nurseries
1 " tigrinum	" "
1 " testaceum	Barr & Son
6 " umbellatum grandiflorum	" "
12 " Wallacei	Dropmore Nurseries
100 Muscari Heavenly Blue	Barr & Son
50 Narcissus poeticus	Dropmore Nurseries
12 Ornithogalum pyramidale	Barr & Son
1 Oxalis adenophylla	Lake Hill Nurseries
100 Puschkinia scilloides	Barr & Son
100 Scilla siberica	" "
12 Sponaxis mixed	" "
11 Trillium erectum	Robbins & Barr and Son
6 " grandiflorum	Barr & Son
10 " stylosum	Robbins Nurseries
10 " undulatum	" "
12 Zephranthes candida	Barr & Son

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