

CITY OF CALGARY.

PARKS DEPARTMENT.

ANNUAL REPORT.

1922.

To:-

His Worship the Mayor, Commissioner, and Council:-

Gentlemen:-

I have the honour to submit to you my 10th Annual Report covering the work of this Department for the year 1922 for your consideration.

The estimates for the past year provided for only the most necessary maintenance and improvements, in connection with the Parks, Athletic Fields, Playgrounds, Boulevards and Cemetery.

The recreational use of the parks and playgrounds has been encouraged and helped to the greatest possible extent during the year. A larger number of permits for the various facilities than ever before have been issued. No opportunity has been lost to provide the best accommodations that finances permitted. Each year clearly shows that within a short time the land now set aside for open air sports in many sections of the city will be altogether inadequate, and it is important that the opportunity there is at the present time to provide spaces for play fields for both children and adults be not lost, or it may be in the future these spaces will have to be purchased at prohibitive prices.

It is therefore a matter for congratulation that the City Government has decided on a policy of reserving lands for parks at an opportune time as the present. This means that the mistake of large cities such as Chicago, where thickly populated areas grew up beyond the original park system so that later, park lands had to be acquired at considerable cost, cannot be repeated here. A strong argument in favour of the provision of adequate park space is that it prevents the overcrowding of the parks which overcrowding results in a deterioration of lawn and plantation areas and a high cost of maintenance.

The routine work of maintaining the parks, boulevards, cemetery and athletic grounds is substantially the same from year to year.

The older buildings in all parks are deteriorating very rapidly because of the need of painting, and the several new buildings have never yet been painted. I beg to recommend that, as far as possible all buildings be painted during the coming season.

There is a great deal of detail in connection with office records which has naturally increased as the activities of the Department have broadened. In the absence of the Superintendent it devolves upon the office staff to answer the enormous number of inquiries that are made by telephone either for horticultural advice, with regard to the allotment of play spaces, or for information on cemetery matters. It is thus necessary for the clerk in charge to have a knowledge of all outside work and conditions. Something like 4000 inquiries for horticultural information alone were made during the past year.

The system of cost distribution and accounting which I have adopted has been continued. These distributions are valuable in that they furnish comparisons of the same work from year to year or of similar work done under slightly different circumstances. The following is a statement showing amount appropriated and actually expended each year for a period of nine years, also revenue estimated and collected.

	Expenditures from Appropriation.				Revenue.	
	Approp.	Expended.	Over.	Under.	Estimated.	Earned.
1913.	99916.00	98055.89		1860.11	7500.00	6813.90
1914.	99492.00	80138.34		19353.66	11200.00	8682.10
1915.	60005.00	59135.70		809.30	10200.00	8522.22
1916.	61199.44	62620.47	1421.03		9700.00	10293.41
1917.	45645.44	44764.35		881.09	11870.00	13566.48
1918.	43567.68	52111.56	8543.88		16310.00	22227.61
1919.	76637.59	76509.01		128.58	20150.00	17889.74
1920.	87715.97	87705.78		10.19	17200.00	20615.37
1921.	67606.75	67054.12		542.63	21820.00	22989.20
Totals	641785.87	628165.22	9964.91	23585.56	125950.00	131600.03

It is proposed to introduce a method of checking expenditures which will act as a kind of barometer to show exactly the percentage of expenditure from day to day in relation to a ten year average. This will be a safeguard against over-expenditure without crippling work in the busy season by over-cautiousness, unless, of course, the Department is compelled to do work for which no adequate provision has been made as was the case this year. The nature of the work of this Department is such that it would be absolutely absurd to equalize the expenditures over the twelve months, but a ten-year average forms a very good basis for comparison. The average for the past decade is as follows:-

Jan.	\$3438.76	- 4.92%	May.	\$9415.06	- 13.46%	Spt	\$5320.68	- 7.61%
Feb.	3560.28	- 5.1%	Jne.	9902.09	- 14.16%	Oct.	3488.14	- 5.00%
Mar.	4280.59	- 6.11%	Jly.	9001.60	- 12.88%	Nov.	3230.50	- 4.62%
Apr.	6027.34	- 8.62%	Aug.	8618.74	- 12.32%	Dec.	3635.06	- 5.20%

The above clearly shows that, unlike many other departments the activities of the Parks Department are very much greater in the summer than in the winter, and the period of heaviest expenditure is in the springtime.

The winter of 1921 - 22 was the severest on herbaceous plants that has been experienced in Calgary. There was very little snow to protect them till quite late in the winter. The weather was very cold at times and, this together with the dry conditions caused many losses. The trouble was not confined to Calgary but was according to reports received from Edmonton and elsewhere general throughout the Province.

Though the moisture that fell during the past summer was very little in excess of the previous year, precipitation was more evenly distributed and was, as a consequence more beneficial.

The fall was very open and dry, and severe frost kept off till quite late so that many tender plants were alive and blossoming till well into October.

REFRESHMENT CONCESSIONS.

The question of the operation of concessions in the parks has been under discussion during the past year. It was therefore thought well to make some inquiries as to what was being done in this regard in other cities. A questionnaire was consequently sent out to various parks Departments throughout Canada and the States, and thirty-three replies were received. In thirteen cities the concession was operated by the Parks Authorities and in twenty others the concessions were leased. The nature of the concessions run all the way from providing ordinary refreshments such as ice cream etc., (similar to the concessions in this City) to providing boating and bathing facilities etc. Only in the latter case did there appear to be any profit from these concessions and the consensus of opinion of the officials concerned seemed to be in favor of leasing the smaller concessions.

The parks authorities of Chicago are in favour of leasing the concession for the reason that their service, as in Calgary, is seasonal and as such, the difficulties of personell, overhead charges, etc., are too great.

Dubuque, Iowa, Parks Superintendent is in favour of operating by the parks board but finds great difficulty in getting the right help. He says that at times there is need of twenty or more waiters and these are hard to get on short notice, and if taken from the regular parks staff interferes with other work. ✓

CENTRAL PARK.

The flower beds and shrubbery in this park were more beautiful and luxuriant than ever before, due to a very favourable season, and to means having been provided, so that adequate sprinkling can be done. Added to this, the many little improvements to flower beds, seats, walks etc., have resulted in placing Central Park in a fair degree of excellence. A great many varieties of plants are used in this park, and these plants are not used in a haphazard fashion, but a scheme requiring careful designing and study for the proper arranging, grouping, and contrasting of these different elements, is worked out each year varying as much as possible from the previous year to maintain interest and to give object lessons to citizens for home garden ideas. That full advantage is taken of this is evidenced by the groups seen walking amongst the beds and studying the plants every day during the summer, and the many inquiries we receive.

The two Sunday evening Concerts given by the Y.M.C.A. Orchestra were much appreciated as were also the four concerts by the Band of the 2nd Battalion.

Thirty-two shrubs, 464 perennials, and 17,264 annuals were planted This Park is very badly in need of a lighting system.

The Colonel MacLeod Chapter, I.O.D.E., have been granted permission by the Council to erect a monument in front of the Library.

I could suggest that, by placing it in the centre of the plot instead of placing it in the position now occupied by the small Amazon statue, the surrounding lawn space would form a better setting and the lines of the statue would stand out more clearly to the sight and would not be so apt to be confused with or detracted from by the architecture of the Library front when viewed from 2nd Street West. I beg to recommend that the small statue be moved to Tompkins Gardens and the mound on which it at present stands, levelled.

- MEWATA PARK. -

Sixty Maple and Willow trees were planted. One hundred and fifty trees and shrubs were trimmed, cultivated and wounds dressed.

Further details with regard to activities in this park will be found under Athletics.

RILEY PARK.

The very ugly roof of the Cricket Pavilion and Childrens' Shelter were remodelled and much improved in appearance.

The north-east end of the Wading Pool was deepened and \$200.00 was spent on the erection of a dressing room. Only a very crude building could be built for this amount, but the intention is to eventually have a building similar in design to the one built on the Elbow River, and, with this object in view, that erected in Riley Park was designed as a first unit of such a building. This building, in its present condition is a positive disfigurement to the park, but nothing better could be provided with the money appropriated for the purpose.

Approximately 10,000 trees and shrubs were pruned, and wounds dressed.

The excavation that was made for the removal of gravel near the west entrance, which has been a great disfigurement to the park for the past nine years, and the filling of which has been attempted each year, was finally completed, surfaced with loam, planted with trees and shrubbery and a grass border sown. The driveway at this point was also roughly graded. There was much favourable comment on the great improvement this made to the appearance of the park. The trees, shrubs and perennials planted did remarkably well, not one being lost; a remarkable showing considering the nature of the subsoil.

The swimming pool was a great attraction throughout the summer, providing amusement for a great many children of all ages and from all parts of the city.

The Interprovincial Cricket Tournament held in August attracted a great many people to the park. Many of these people had not visited the park previously and its beauty was a revelation to them. One feature that was specially commented on was the greenness of the grass, and information was sought by Golf Club Officials and others as to our methods in building up and preserving so good a turf. The motor mower was an important factor in this connection.

Though the floral display was very good, it was not quite so effective as in previous years owing to the fact that it was not possible to mass the colours to the same extent as heretofore. The flowering shrubs made a wonderful display, and the berries of the Russian Olives and others proved a great attraction during the autumn and winter.

The following planting was done:- Trees, 660; Shrubs 200; Perennials, 530; Annuals, 6400.

Seventy-seven loads of ashes and 59 of gravel were used on roads.

Very necessary improvement for 1923 are:- Completion of road grading at west end; Completion of dressing room, and a water supply to the pool.

/ ST. GEORGE'S ISLAND PARK.

A large new Comfort Station was constructed during the year and is now in use. For several years past complaints had continually been made to this Department calling attention to the inadequacy and insanitary condition of the buildings already in use. It is to be hoped that this condition is now permanently remedied. It is absolutely essential however, that the water supply be increased as this is now altogether inadequate.

ST. GEORGE'S ISLAND PARK. (Contd.)

The Island Park can never be maintained as it should be until some means is devised to properly irrigate the lawn and shrubbery areas. Much good work could be done by the use of a gasoline pump, to pump water direct from the Bow River.

The Auto Camp was a great success as the record, compiled by the Caretaker, shows.

The playground equipment is in need of considerable repair.

There was a further increase in the number of picnics held. Two of the large picnics, namely those of the Elks and the Trades and Labor Council attracted many thousands of people to the park. The black-board placed at the main entrance for the first time for use of picnic parties proved very useful and was much appreciated. There is great need for more tables and benches also for additional fireplaces. The race track marked out on the central lawn was made good use of. I beg to recommend that another be placed on the east field.

The slowly growing Zoo is proving of immense interest to both children and adults. It now consists of one kangaroo (donated by Mr. E. Willis), three deer, one swan (donated by Mr. J.M. Miller) and one pair of long-horned owls, (donated by Mr. C. McLeod). The sum of \$648.65 had to be expended on freight and in providing suitable summer and winter accommodation for the kangaroos. Another enclosure for the deer was made for the purpose of resting the original enclosure and allowing the pasturage and shrubbery to recover.

Trees and shrubs were planted as follows:- 190 Manitoba Maple, 50 Green Ash, 21 Lilacs, and 8 Populus Wobbsitii:- Total 269.

Owing to the very sandy nature of the soil and no water it was found impossible to maintain the tennis courts in a satisfactory condition. This can be remedied only by augmenting and extending the water supply.

A portion of the natural water course between St. George's and St. Andrew's Island was widened and deepened and piping laid to provide a continuous flow of water from the river for the purpose of providing a childrens' wading pool. Regular supervision and a dressing room are urgently needed in this connection.

Some 900 loads of cinders were placed on the road which effected a temporary improvement, but there is now so much motor traffic through the Island that the only way the road can be kept in good condition for a reasonable time is by gravelling, and this would prove the least costly eventually. Another disadvantage of cinders is that unless they are kept continually saturated with water great clouds of dust are raised by vehicles, much to the annoyance of the public and the disfigurement of lawns, trees, and flowers. I therefore beg to recommend that these roads be included in the next gravelling programme.

Permanent concrete bases were placed for the guns to which they were securely locked.

In view of statements that have been made during the past year with regard to the public parks, I beg to recommend that constables be employed to patrol St. George's Island constantly. If there is reason for complaint I am convinced that this is the only way by which an improvement can be effected. As the Auto Club employs an attendant for the Auto Camp who is a constable, there might be cooperation between the City and the Club with regard to the Services of this man for patrol duty. I might add that other cities find it necessary to have their parks constantly patrolled, Vancouver using four mounted and four foot patrols in Stanley Park alone, while Winnipeg has a regular force of constables in the employ of its Parks Department.

VICTORIA PARK.

The garden within the main entrance was remodelled, a wide approach being made through the centre of the plot. Trees and shrubbery were rearranged and a quantity of perennials planted.

SHAGGANAPPI PARK - MUNICIPAL GOLF LINKS.

The past year was the most successful in the history of the course. There was again a big increase in the number of players, the congestion being thus intensified. Negotiations are in progress to secure adjoining land, for the purpose of enlarging the Links.

The gross expenditure on the Links for the year was, \$4579.49; Total revenue \$5971.15; \$4008.02 of the expenditure was provided for in the parks appropriation and the balance taken from revenue leaving a net profit for the year of \$1391.66. The financial situation with regard to the Course from the time it was opened in 1915 now stands as follows:- Construction, \$7986.37; Maintenance, \$21411.67; Total Expenditure \$29398.04; Revenue \$25625.55. The receipts exceed the maintenance cost by \$4213.88.

The Golfhouse was opened on April 10th, and approximately 35,000 games were played over the course during the season.

Tickets were sold as follows:-

193 Gents Season.	@ 10.00	..	1930.00
13 " Half-season.	@ 6.00	..	78.00
75 Ladies Season.	@ 6.00	..	450.00
2 " Half-season.	@ 4.00	..	8.00
5 Childrens Season.	@ 4.00	..	20.00
1 " Half-season.	@ 2.00	..	2.00
<u>289</u>			<u>2488.00</u>
9489 Green Fees.	@ .35	..	3321.15
162 Lockers Rented.	@ 1.00	..	162.00
Total Receipts.		..	<u>\$5971.15</u>

Golfhouse open 249 days. Greatest number of players in one day, 221, on 28th May. Daily average 75.

The following improvements were made during the year.

The course was equipped with a new style of sand and water container. Three shelters were erected on holes numbers 6, 9, & 13. Many tons of rocks and boulders were removed from the fairways. Better parking accomodation was provided for cars. Posts were placed on either side of the fairways at intervals of 100 yards, to properly define the fairway, and for the guidance of players with regard to distance. Number 9 hole was lengthened 80 yards. All driving Tees were relayed and two new tees were constructed at Nos 8 & 9. Mats were placed on Tees 12, 10 & 18. Direction flags were also placed. The horse mower was utilized to keep the fairways in condition. The greenswere excavated to sufficient depth to entirely remove grass roots. Turf was removed from greens nos 11 & 18. The greens were resurfaced twice during the season with sand and oil. Grass was cut around the greens to a distance of six yards. All bunkers were sanded and raked periodically. Gophers were poisoned and burrows filled with clay. Forty-five loads of ashes were used on parking space, 96 loads of soil and 131 loads of sand were used in improvements to greens and fairways. In the Golfhouse, a new ice box was installed, and a large porch was built on the north end. The Golfhouse has no protection in case of fire. I would suggest that a number of chemical extinguishers be placed in the building, and fire buckets of approved pattern be also supplied.

GOLF COURSE (Contd)

The Practice Net is completely worn out. This should be replaced with a new one of better quality.

It is found that the periscope, being of wooden construction, becomes quickly warped and when in that condition is of no use. It will have to be reconstructed for the coming season and it is recommended that the new one be of metal construction.

One of the most necessary improvements to be undertaken next season is the construction of a new septic tank which will probably cost in the neighbourhood of \$1000.00

CITY HALL GARDENS & SUNDRY PLOTS.

The following plots were maintained:-

City Hall Garden, Tompkins Gardens, Garden Crescent, Four Island Boulevards at street intersections on 8th Street Mount Royal. Mission Bridge Approaches, Two Island Boulevards in Elbow Park, and the Royal North-West Mounted Police Memorial Plot.

The gore on Sifton Boulevard left as a result of straightening of the Street Railway Track was planted with trees and shrubbery.

PLAYGROUNDS.

Playground apparatus erected by this Department at Ramsay, Riverside, Crescent Heights High, Victoria, Killarney and Mount Pleasant Schools was transferred to the School Board.

A capacious dressing room was erected for the use of the children visiting the swimming pool on the Elbow River.

Assistance was given for Public and High School Sports.

The summer session of supervision opened on July 8th and lasted for a period of seven weeks, closing on August 26th. Supervised play, sports, and industrial work were conducted at seven playgrounds.

The industrial work consisted of sewing, basketry, millinery, knitting, crocheting, etc. That much good work was done was demonstrated by the excellent display exhibited at Mewata Park on the closing day, and the enthusiastic participation in all the activities by the children was convincing evidence that they thoroughly enjoyed and appreciated the competitive games.

Cleanliness is one of the lessons which a playground should teach. Unfortunately the influence of our playgrounds are all to the contrary. The surfacing material which, for want of something better, we have perforce to use, is loose cinders and cinder dust, and a child cannot even touch a ball without at once soiling his hands. The matter of a proper surfacing has received considerable thought, but there appears to be no solution of the problem without going to great expense.

ATHLETICS.

The increase in the number of persons using the parks and athletic fields is most gratifying, and fully justifies the expenditures made in providing suitable grounds and equipment.

This increase during the past year has been very noticeable and the various facilities furnished, - baseball diamonds, football and cricket fields, tennis courts, hockey rinks, etc., have been taxed to their utmost capacity. This intensive use means increasing maintenance cost. Therefore the appropriation received by this Department for recreational

purposes, whilst being as liberal as the finances of the city permit, is never sufficient to meet the ever increasing demand of the public.

Summer Sports.

Baseball.- Eighty permits were issued for senior games at Mewata Park. There were also many games played by smaller boys of which no record was kept.

The wire on the baseball diamond backstops is frequently broken and has a very untidy appearance. Repairs have to be made after almost every game. It is the intention to use a much heavier grade of wire in the future. This will be much more expensive but will eventually prove the most economical.

New Baseball grounds were constructed at Capitol Hill, Bridgeland, and East Calgary.

Football, (Assn.) - Sixty league games were played at Mewata Park. At Hillhurst 29 League, One International, two Interprovincial matches were played by the 1st Division of the League. The second division played 58 league, eight cup, and one international games.

The average attendance for 1st League games was 220. The grounds were in constant use for practice when matches were not being played.

Football, (Rugby).- Ten High School Rugby games were played at Hillhurst Park. The dry weather and frequent high winds is ruining Hillhurst Park as a football ground. I believe the only remedy is for the ground to have at least two seasons' rest, during which time an effort should be made to re-establish a sod.

One thousand yards of earth were moved at Tuxedo Park to level a football field.

A large part of the old ground at Mewata Park was surfaced with clay to prevent gravel working through, and considerable more levelling done to the new ground.

Football fields were provided in Elbow Park, Crescent Heights, South Calgary, and East Calgary, by levelling, fencing trails and providing goal posts. Equipment was provided for Ogden Football ground. A football ground in Regal Terrace was maintained throughout the season.

Cricket - An Interprovincial Tournament was played in August between the Provinces of Alberta, British Columbia, Saskatchewan, and Manitoba. Competition was keen and interesting. Luncheons were served in a spacious tent erected on the grounds. The local and visiting players expressed great appreciation of the facilities provided and the arrangements made for their comfort and enjoyment.

There is urgent need for more cricket grounds.

Mr. Small, The Secretary of the Calgary & District Cricket League reports as follows:-

"Our League Program was necessarily larger this year than last, as we had twelve teams instead of ten in the League.

For the first time in the history of local cricket, we found it necessary that two divisions of the League be formed, 8 teams in the First Division and 4 teams in the Second Division.

Cricket. (Contd).

"All three pitches at Riley Park were used each Saturday for 14 Saturdays, so that 42 First Division League matches were staged there during the season.

In the Second Division 12 matches were played on the Hillhurst Ground and a like number on the South Calgary Ground.

In addition to the foregoing, there were 6 Van Wert Cup matches played at Riley Park and a match practically every Wednesday in the Wednesday League.

In my opinion the outstanding feature of the past season's cricket was the "Cricket Week" held at Riley Park from August 7th to 12th, for the Western Canada Cricket Championship, when teams representing the Provinces of Manitoba, Saskatchewan, British Columbia and Alberta competed for the Dingwall Challenge Trophy.

It was agreed by all that this Tournament was the most successful ever staged in this province and the visiting teams were loud in their praise of the very excellent grounds at their disposal. The average attendance at these games was estimated at 800 per day, so you will understand the great boost was given to Cricket and what publicity was given to the City of Calgary.

Summary of Cricket Matches played during season of 1922.

Riley Park.

First Division Matches	42	
Van Wert Cup. "	6	
Wednesday League."	12	
League v "Rest" "	1	
Western Canada Tournament.	<u>12</u>	.. 73

South Calgary.

Second Division Matches	12	
Wednesday League "	4	
Friendly "	<u>6</u>	.. 22

Hillhurst Park.

Second Division Matches	<u>12</u>	.. 12
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Total.. .. . 107

I have been requested by the Calgary & District Cricket and the Alberta Cricket Association to extend to you their hearty thanks for the splendid manner in which you, as Superintendent of the Parks Department of this City, have put the various grounds in such excellent shape for Cricket, and particularly for the work done at Riley Park both before and during the Tournament Week.

Cricket has come to stay in Calgary and I know of at least three more teams who would enter the League, if only grounds could be found for them, and I would like to be permitted to make some suggestions for increased accomodation.

If it would be possible to have another pitch made at South Calgary I think that it would solve the difficulty to some extent, by providing accomodation for at least two more teams.

Another suggestion is that the Pavilion at Riley Park (Green Pavilion) be enlarged, as at the present time four teams are using this Pavilion for dressing etc.

Cricket. (Contd).

"I am sure that the Clubs using this Pavilion would gladly pay for the material for this purpose, provided that the City could furnish the labor.

A Grounds Committee has been formed to look over various possible sites for additional Cricket Grounds and this Committee would be glad if you could assist them in their efforts."

A new cricket pitch was laid on the South Calgary Athletic Ground.

Tennis:- The increasing popularity of tennis was very emphatically demonstrated by the urgent demand from all sections for facilities for this game.

Permission was given the Sunset Tennis Club to construct a court at the south-east corner of Mewata Park on the understanding that the courts, with their equipment become city property. An application has been received from the same Club for permission to construct a second court during the coming season on the same terms.

By special request the tennis court at the City Hall was converted into a basket ball court.

Two additional courts were laid on the Crescent Heights Recreational Grounds, 19 loads of ashes and 27 of clay being used.

WINTER SPORTS.

Rinks. - During the winter of 1921 - 22, twenty five Public School, eight Separate School, forty-three Community and thirteen Private Rinks were maintained, making a total of eighty-nine. This year the Public school authorities have made other arrangements for the care of the school rinks.

Whereas, last year there was an unusually long skating season and the appropriation for rinks had to be augmented from the unexpended balances of other items, just the opposite applies this year, for, owing to the very mild weather experienced until quite recently this winter and the shortage of water due to trouble at the intake, it was impossible to provide much ice during the early part of the winter. This goes to show to what an extent the weather conditions are a factor in the operations of this Department and how difficult it is to estimate accurately as between one activity and another.

Hockey Rinks were provided at Mewata Park, Hillhurst Park (two) Crescent Heights, and East Calgary. These were given special attention to keep them in as good condition as possible.

Athletic teams, and boys from the local schools and colleges provided some very good contests. Considerable interest is being shown in this form of recreation and there are so many leagues now formed that it annually becomes more difficult to find ice for the several schedules of games.

Five hundred and sixty permits were issued for Hockey games.

Revenue received for checking, use of rinks, etc., totalled \$410.00

The Toboggan on 11th Street Mount Royal was operated as in previous years, the street being closed to vehicular traffic for that purpose.

BOULEVARDS.

The City has very wisely retained supervision of all street trees and no planting, pruning or cutting down can be done without permission.

Street tree management requires that continuous care be exercised by those expert in the work, in guiding growth in order to keep our street trees from becoming an unsightly line of sprawling branches, to remove dead and diseased wood, and to maintain a healthy vigorous growth.

BOULEVARDS. (Contd).

The tree work during the past year covered the trimming of some 12,000 trees, the removal of all dead and unsightly wood, all low overhanging branches which interfered with the proper use of the streets and sidewalks, and those branches which were interfering with overhead wires, the staking and tying of all trees that required support and the planting of trees.

Necessary cultivating, and spraying was done, and all recently planted trees were regularly watered.

The work of combatting insect pests was executed to the best of our ability. Aphides we have always with us and this year two other pests were particularly troublesome, namely, borers and spruce sawfly. It is most important that a continuous war be waged or much destruction will result from the attacks of these pests.

Eight hundred and fifty notices were served on property owners the branches of whose trees were below the required height over the sidewalk. Three hundred guards were removed from trees whose stems exceeded four inches in diameter and placed around young trees. Five hundred and five new trees were planted on eleven streets, the kinds used being Birch, Russian Poplars, (Webstii and certinensis varieties). Ash, Manitoba Maple, and Dakota Balm.

Calgary's street trees are now recognised as one of her greatest assets in point of beauty. Her extensive tree lined streets are frequently commented on and remembered by visitors as one of the features by which she is distinguished in this more or less treeless region.

There is very considerable and urgent demand at the present time for the planting of trees on unpaved streets. This departure from the usual procedure is strongly advocated, property owners claiming that the abnormal times will delay street paving many years, and that well built up streets should be planted at once, so that each succeeding year would add to the size and beauty of the trees. The original cost of planting would, of course, be higher where grading is necessary and protection in the form of a curb, either permanent or temporary would be absolutely essential.

Wooden curbing was laid and trees planted on 14A Street Bankview, the work being paid for by the property owners.

During the past few years quite a number of property owners have had parking strips laid down in front of their properties by this Department, the cost of the work being charged to and paid for by the individual concerned. The application for such improvements has frequently led to a discussion as to the proper location. In this connection I would like to quote from an article on the Development of Streets, published recently and with which I am thoroughly in accord.

"Occasionally one finds the sidewalks laid next to the curb with the margin of grass transposed so as to come between the walk and the property line. This is so poor an arrangement, however, that it is quite rare. There is an aesthetic loss which is obvious to anyone who compares the two kinds of development, but, aside from that consideration, the location of a narrow walk directly next the curb leaves the pedestrian with no protecting barrier from spattering mud and dust, and, when the front gardens are unfenced the arrangement seems to subtract from the public property in order to add to the private. Other objections are that fire hydrants, lampposts, hitching posts, light poles, etc., which normally would be in the margin, now obstruct the walk, and the private driveways, unable to rise abruptly from the level of the gutter to that of the sidewalk have to be carried across the walk partly in a depression".

MEMORIAL DRIVEWAY.

A committee, consisting of representatives from the Board of Trade, the Rotary and Kiwanis Clubs and the several Horticultural Societies was again appointed to organize a tree planting campaign. This committee as a branch of its work, and in line with the action of many other cities on this continent and also in Europe, arranged for the planting of a Driveway of trees as a Memorial to those who fell in the Great War.

The Parks Department was asked to decide on a suitable location for this Driveway and also to prepare a permanent plan for same with a view to future extension and development. The Boulevard on the north side of the Bow River, from the Louise Bridge to St. George's Island Bridge was selected for this purpose and plans prepared accordingly.

Nine hundred trees were subscribed for by the following organizations as follows:-

The American Womens Club.	The Al Azhar Temple.
The Alpine Club of Canada.	Albertan Publishing Co. Ltd.
31st Battalion Assn. - 12 Members.	137th Battalion C.E.F.
P.Burns & Co., Ltd.	Calgary Board of Trade.
Catholic Womens League.	Canadian Club.
The Club Cafe.	City Hall Staff Association
City Engineers Department.	C.P.R. Dept of Natural Resources.
Calgary Fire Fighters Union	Rotary Club.
Teachers of Stanley Jones School.	Trusts & Guarantee Co.
Vacant Lots Garden Club.	Womens Alliance.
Womens Canadian Club.	Great War Veterans Assn.
Bank of Hamilton.	Womens Association.
50th Battalion - Womens Auxiliary	Electrical Workers Union #348
Kiwanis Club - 63 Members.	15th Light Horse.
Mount Lebanon Lodge A.F. & A.M.	Molsons Bank.
Ontario Laundry	Alberta Lodge I.O.O.F.
Six Chapters of Daughters of the Empire.	
Armistice.	The Friday Club.
Royal Scotts.	Engineering Institute of Canada.
Danny Gardner.	Gyro Club - 32 Members.
Tan-Nis-Uk.	J.H.Ashdown Hardware Co. Staff.
Military	Ashlar Lodge, A.F. & A.M.
Major Stanley Jones.	Calgary City Police Force.
Sandstone Lodge I.O.O.F.	Crescent Heights Parent Teachers
The Calgary Daily Herald.	Dominion Radiator Co.

and 160 Individuals.

These trees were planted by the Parks Department, the total cost of planting, staking and maintenance being \$2,091.22. The Department was paid \$1526.03 for the planting, but had to bear the cost of maintenance.

No further extension of the driveway can be made until some grading work has been done.

Quite a number of trees have been broken off by autos driving over them. This trouble will continue unless protection is afforded either in the form of a permanent fence, or guards to the individual trees. I would strongly recommend that this urgent need be brought to the attention of the Memorial Drive Committee.

CEMETERY

222 Loads of cinders used for resurfacing roads.
 175 " " soil " " grading.
 67 " " rocks " " guttering & retaining walls.
 609 feet of guttering laid.
 531 loads of soil removed from graves.
 340 " " loam used on graves.
 121 " " refuse removed.
 456 lot markers made and placed.

14 20' x 20' plots loamed and seeded.
 262 4' x 12' " " " "
 170 plots under perpetual care.
 46 20' x 20' plots under annual care.
 550 4' x 12' " " " "

1 Disinterment for removal.
 9 Disinterments and reinterments.
 77 Interments in Free Burial Ground.
 612 Interments in all sections.

2 20' x 20' plots sold.
 354 4' x 12' " " "
 74 plots of other sizes sold

The water service was extended by 420 feet and new connections made to the main at two points to increase the pressure. A fire plug was also placed on the main for protection. Further extensions will have to be made to the new addition at the south end, also to the new Cemetery site.

This Department has now become responsible for the care of the Veterans' Plot.

Four thousand trees and shrubs were pruned, cultivated and wounds dressed. Twenty five Mountain Ash, 15 spruce, 90 Green Ash, 492 Maples, 42 Dakota Balm, 56 Populus angustifolia, 122 Populus Wobbstii, 24 Cottonwood, 10 Salix viminalis, and 4 Dogwoods were planted, also 3563 perennials and 8694 annuals.

A circular letter was sent out to all lot owners calling attention to the advantages of the perpetual care system. This letter was the means of increasing the number of lots from 58 to 170, and a very considerable increase of the fund as is indicated by the following figures showing the amount received each year.

1916	302.80	1920	1440.00
1917	-----	1921	663.00
1918	396.00	1922	2499.35
1919	655.57	Total	5958.72

Much of the fencing had to be rebuilt and there is yet a good deal of this to be done.

The decrease in revenues from sale of lots is due to the fact that single grave lots were practically all that were available throughout the season. There was considerable demand for larger lots but these could not be supplied.

The fact that the burials have decreased 33% since the influenza epidemic has had an even greater influence on revenue from grave plot improvements.

CEMETERY. (Contd).

A suggested revision of the Cemetery By-Law was submitted to the Legislative Committee in the month of September 1922. This has not yet been dealt with. The main purpose of submitting these revisions was, to better define certain clauses that were somewhat ambiguous in the old By-law, to eliminate a number of repetitions, but more particularly to better regulate the new Cemetery and to make the proper care of burial lots compulsory.

If the suggested changes are adopted, it will be necessary to revise the Tariff, and I beg to recommend that this tariff be revised along these lines:-

The price per square foot at which grave lots are to be sold, to be computed by, first, making an estimate of the cost of planning, plotting, and all construction work, including sodding of individual lots after burial. To this cost should be added the value of the area to be used for burial purposes. This amount should then be divided by the number of square feet to be actually disposed of as burial lots, and the price per lot fixed accordingly.

To compute the cost of perpetual care, the amount required to properly maintain the Cemetery must be determined, also what fund will be required to produce this estimated cost at the rate of 5% per annum.

It will then be necessary to determine how much of this amount will have to be paid per square foot for each lot sold and the amount added to the purchase price of the lot.

That the cost may not be excessive on the smaller lots I would suggest that there be a sliding scale to be regulated by the size of the lot, the smaller lots to be less and the larger ones more in proportion.

NURSERIES.

Planting was done as follows:-

<u>Raised in Nurseries:</u>	Central Park.	Cemetery.	Boulevards	Riley Park.	Mewata Park.	Victoria Park.	St. George's Island.	Nurseries.	Totals.	Sales.
Trees.	---	846	649	666	28	---	265		2454	5
Shrubs.	32	16	212	197	30	---	89		576	842
Perennials.	440	408	---	530	--	314	384		2076	845
<u>Raised on Hotbeds:</u>										
Annuals.	524	8894		842			770	813	12993	
Perennials.	24	3155		519			48	4534	8380	
Vines.		50						36	86	

Stock in Nursery December 31st 1922:

Trees valued at	\$6078.80
Shrubs " "	5405.96
Vines " "	178.50
Flowering Plants	2844.25
Total.	\$14507.51

NURSERIES. (Contd)

The following propagating was done:-

Trees 24,340; Shrubs 705; Perennials (by division) 3045.

Raised on Hotbeds:- Annuals 12,993; Perennials, 8280; Misc. 2992.

The Department is fortunate in having a Nursery where trees and other material can be raised for street and park planting. There is at the present time 4,000 trees of a suitable size for permanent planting.

The usefulness of the experimental work carried on in this Department is becoming more and more apparent each year, and the hardiness and suitability of many plants for this climate is being demonstrated in a very convincing manner. So much so, that one feels that the general public have not begun to realize the tremendous possibilities of this district from a horticultural standpoint, and that the variety of subjects cultivated here can be very considerably extended.

GREENHOUSES

This Department is always taxed to its fullest capacity to meet the requirements of the various parks and gardens. During the month of October cuttings are taken from the park beds for purposes of propagation and the old plants are then distributed to schools and any citizens who may wish to have them before being spoilt by frost, and these are much appreciated.

Plants were raised and distributed as follows:-

<u>Number of Plants.</u>	<u>Where Planted.</u>	<u>Value.</u>
16740	Central Park	911.00
9700	Riley Park	194.00
4224	St. Georges Island	96.00
1800	Shagganappi Park	36.00
2000	City Hall Garden	57.00
2700	Tompkins Gardens	54.00
13960	Cometary	306.50
10882	Miscellaneous	357.50
<u>17441</u>	Sold	<u>376.02</u>
<u>79447</u>		<u>\$2388.02</u>

Cut flowers to the value of \$1156.00 have been grown.
Value of stock on hand -- \$1319.25

TOOLS, PLANT & EQUIPMENT

The power lawn mowers purchased some years ago have undoubtedly done a great deal towards reducing expences. They have enabled us to cut the lawns in the several parks much more frequently than would have been possible with either horse or hand machines and thus the necessity of raking up the grass after cutting has been avoided. These machines are very lightly built and the cheapest on the market, and were purchased mainly as an experiment and to demonstrate the advantage of motor machines. On account of their very light build, they are now getting somewhat the worse for wear. But the economy effected by their use

TOOLS, PLANT & EQUIP. (Contd)

fully justifies the purchase of heavier, higher priced machines which would last for an indefinite period.

AUTOS

This Department has now dispensed with all horses and is dependent on one truck, and occasional hired teams. The expenditure on these hired teams could be still further considerably reduced if the Department was supplied with another truck. There is plenty of work at all times for two trucks.

WEEDCUTTING.

Weeds were cut on 1950 privately owned lots at a cost of \$1132.94, and on city property (streets, lanes, etc.) at a cost of \$1567.94

In considering this weed problem it must be remembered that certain kind of weed makes its growth and matures in a comparatively short time, but in all parts of the city at the same time, but the time of growth and seeding varies with different weeds. For instance, it is necessary to cover the whole area of the city during the first two weeks of July to prevent the seeding of French weed, whereas Canadian Thistle has not at that season, made sufficient growth for it to be possible to cut this effectively. During the next month, however, its growth is very rapid and it is again necessary to cover the whole area to prevent seeding of this weed. Russian Thistle is a late weed and requires to be cut during the month of September. It will therefore be seen that to deal with this problem, effectively a very large number of men are required that the whole city may be covered in a comparatively short time, and the area must be gone over several times during the season.

I beg to recommend that as much as possible of the vacant land that was broken in such a wholesale way some years ago for gardening purposes be seeded to brome and timothy. This may prove a more costly initial expense than weedcutting on the same area, but will constitute a permanent cure as regards weeds. The success of such work will be dependent to a great extent on the amount of precipitation.

SUNDRIES

Grasshoppers:- The Department was well organized to fight this plague this season and action was started immediately on the appearance of the insects with the result that they were kept very much more under control than during the previous year.

A mixing and distributing plant was established at the Department's headquarters for the Municipality of Beddington which municipality covers an area of twelve townships. Seventy-six thousand pounds of bait were prepared for this district.

CONCLUSION

So many improvements might be proposed to add beauty and utility to the Calgary Park System, that it is rather difficult to refrain from recommending many things that it is impossible to accomplish on account of existing financial conditions. However, recognising these conditions only such changes and improvements have been recommended as appear to be really necessary.

Respectfully submitted,

W. R. Reader
SUPERINTENDENT OF PARKS.

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STATEMENT OF RECEIPTS OTHER THAN
ANNUAL APPROPRIATION.

	Gross Receipts.	Credited to Apprn.	Trust Fund.	Net Revenue paid to Treasure.
Cemetery:- Sale of Grave Lots.	3869.00			
" " " " - Section X	798.00			
Grave Digging Fees.	4231.20			
" " " " - Section X	886.00			
Grave Plots - Loam and Seed	1184.95			
Annual maintenance	2247.24			
Perpetual Care	2551.85			
Damages to Lawns.	2.00			
Special Work on Plots.	10.20			
Permits for erecting Monuments.	193.00			
Bank interest on Perpetual Care Fund.	228.60			
	16202.04	2117.30	2551.85	11532.39
Golf Course Receipts.	5971.15			5971.15
Sale of Surplus Greenhouse Produce	367.02			367.02
" " " Nursery Produce	115.75			115.75
Skating Rink Cloak Room Receipts.	231.15			231.15
" " Gate Receipts.	540.80			
Flooding Private Rinks.	100.50			
Percentage of Athletic Gates	168.75			
Damages in Riley Park	5.00			
Hire of Auto Truck & Driver to Water-works Dept.	385.95			
Delivery Charges. (Auto)	.50			
Gravel Permits. (St. George's Island)	84.00			
Refund on Globes & Lamps - Electric Light Dept.	421.52			
Boulevard Construction.	41.20			
Memorial Drive	1536.03			
Sale of Seeds.	12.20			
Hire of Implements	37.50			
Vegetable Sales - Hospital Dept.	51.07			
Mower Repairs etc - Hospital Dept.	9.30			
Xmas Decorations - Hospital & Electric Light Depts.	66.80			
Sale of Implements	90.00			
Rent of Offices - General Election.	30.00			
Manure Sales	155.75			
Labor Hire:- Pruning done for Water-works Dept.	25.74			
Seeding etc blvd at Bankview - Public wks Dept.	33.30			
Mixing Grasshopper Poison - Beddington Mun.	417.96			
Work in Victoria Park - Exhibition Co.	141.80			
Sundry labor credits (Blvd work etc.)	71.10			
	27313.88	6544.57	2551.85	18217.46

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DETAILED STATEMENT

of

APPROPRIATION EXPENDITURES BY LOCATIONS

1 9 2 2

<u>CENTRAL PARK</u>	<u>Labor</u>	<u>Material</u>	<u>Total</u>
Appropriation,	2050.00	319.45	2369.45
Trees, planting, pruning, etc.	26.60		26.60
Shrubberies	124.10		124.10
Floral Display	459.05	143.83	602.88
Vines	51.80		51.80
Lawns, mowing & maintaining	351.70	40.34	392.04
Lawns, curbing	67.60		67.60
Mulching and manuring	62.10		62.10
Paths maintenance	155.15		155.15
Snow removal	23.80		23.80
Buildings, mtce & repairs	29.15		29.15
Comfort Stations, mtce & repairs	55.06		55.06
Park furniture	28.50		28.50
Band Concerts	38.15		38.15
Holidays	154.60		154.60
Memorial Day	23.40		23.40
Water Service, mtce and repairs	34.80		34.80
Watering	124.30	38.44	162.74
Sprinkler system, extension	130.55	49.67	180.22
Refuse removal	134.56		134.56
Miscellaneous	58.90		58.90
	<u>2133.87</u>	<u>272.28</u>	<u>2406.15</u>
<u>MEWATA PARK.</u>	<u>450.00</u>	<u>50.00</u>	<u>500.00</u>
Appropriation			
Trees, planting	53.35		53.35
Trees, pruning	20.40		20.40
Trees, cultivating	36.50		36.50
Trees, watering	31.55		31.55
Shrubbery Borders	8.25		8.25
Lawns, mowing and maintenance	14.35		14.35
Comfort Stations	9.60		9.60
Dressing Room mtce	5.00		5.00
Fence repairs	171.30	86.58	258.38
Grading	4.90	3.00	7.90
Refuse removal	77.70		77.70
Water service, mtce & repairs	1.20		1.20
	<u>414.60</u>	<u>89.58</u>	<u>504.18</u>

<u>RILEY PARK.</u>	<u>Labor</u>	<u>Material</u>	<u>total</u>
Appropriation	3400.00	400.00	3800.00
Trees, Planting	116.50		116.50
Trees, pruning	162.75		162.75
Shrubberies	283.87		283.87
Beds and Borders	436.15		436.15
Lawns, mowing & maintenance	426.55	19.36	445.91
Mulching, Manuring & Fertilized Stock	29.90		29.90
Roads and Paths		128.10	128.10
Buildings, mtce & repairs	248.90		248.90
Dressing Room - Wading Pool. (Chgd to Misc.Accts. "Bow River Protection)	284.00	44.02	328.01
	51.40	113.31	164.71
Comfort Stations	36.70		36.70
Park Furniture	10.00		10.00
Fence Repairs	11.70		11.70
Wading Pool Maintenance	47.15		47.15
Caretaking	50.70		50.70
Refuse removal	107.45		107.45
Holidays	28.60		28.60
Grading	708.20	37.25	745.45
Water Service, mtce & repairs	66.65	4.11	70.76
Watering	221.15		221.15
Miscellaneous	12.05		12.05
Wading Pool construction -Paving Dept Charge-	508.01	90.47	598.48
	3848.38	436.61	4284.99
<u>ST. GEORGE'S ISLAND PARK.</u>			
Appropriation.	2900.00	900.00	3800.00
Trees, planting, pruning, cultivating,	200.60		200.60
Shrubberies	33.64		33.64
Beds and Borders	256.66	6.90	263.56
Stock		31.00	31.00
Lawns, mowing & maintenance	391.65	31.73	423.38
Road maintenance	652.02		652.02
" sprinkling, (Public Works Dept).	283.45		283.45
Buildings, mtce & repairs	207.18	67.93	275.11
Comfort Stations	31.73	10.11	41.86
Sewer	25.25		25.25
Park furniture	93.25	4.78	98.03
Fencing	275.15	15.59	290.74
Auto Camping Ground	316.80		316.80
Picnics, general	71.85	.90	72.75
Shriners' Picnic	42.25	21.40	63.65
Picnic equipment	24.65		24.65
Zoo:-General mtce, feeding, tending, etc.	216.90	33.17	250.07
Kangaroos;-Freight		71.68	71.68
Pen and shelter	81.65	129.49	211.14
Winter Quarters	255.55		255.55
Installing Heating System		98.95	98.95
Veterinary Services		11.33	11.33
Deer Pen (New)	18.15	68.46	86.61
Owl Pen	7.00		7.00
Swan Pen	7.25		7.25
Caretaking	27.20		27.20

Holidays	60.20		60.20
Gravel Sales (revenue \$84. Cr.Road Mtce)	22.65		22.65
Gun bases	8.60	5.97	14.57
Refuse removal	195.55		195.55
Wading Pool maintenance	19.90		19.90
Electric Light		329.00	529.00
" " system maintenance	21.60	240.25	261.85
Water Service, mtce & repairs	27.70	2.45	30.15
" " extension	2.40	7.98	10.38
Watering	56.65		56.65
Miscellaneous	52.05	8.41	60.46
Wading Pool Construction - Paving Dept			
Charge -	909.98	147.51	1057.49
	<u>4897.13</u>	<u>1344.99</u>	<u>6242.12</u>

Victoria Park

Appropriation	66.00		66.00
Trees, pruning, cultivating, etc.,	14.80		14.80
Flower Borders	16.10		16.10
Wading Pool, mtce	35.70		35.70
	<u>66.60</u>		<u>66.60</u>

SHAGANAPPI PARK-MUNICIPAL GOLF COURSE.

Appropriation	2950.00	800.00	3750.00
Bunkers	64.70		64.70
Fairways	186.90	9.13	196.03
Resurfacing Greens	265.80	109.04	372.84
" " (chgd to Revenue)	215.20	156.27	371.47
Tees and Greens maintenance	977.00	19.73	996.73
Gopher Poisoning	5.30	10.21	13.51
Signs	27.50	14.60	42.10
Sandboxes	54.55	18.06	72.61
Collecting Tickets	590.40		590.40
Fencing	115.85	24.33	140.18
Holidays	26.40		26.40
Shelters	132.10	105.11	237.21
Removing Rock	180.85		180.85
Course equipment	51.95		51.95
Roads	22.20		22.20
Patrolling	17.60		17.60
Parking Space	12.85		12.85
Clubhouse: -General mtce & repairs	27.50	53.72	81.22
Equipment (soap towels etc.)		89.17	89.17
Improvements	37.85		37.85
Ice box	26.10	31.54	57.64
Porch	69.60	115.27	184.87
Gas		116.40	116.40
Telephone		66.00	66.00
Electric Light		46.60	46.60
Water Service, mtce & repairs	17.40	2.55	19.95
Water - Hauling winter supply	73.85		73.85
Sewer	3.50		3.50
Bonus for Steward (Chgd Revenue)	200.00		200.00
Miscellaneous	184.78	13.79	198.57
	<u>3535.73</u>	<u>1001.52</u>	<u>4535.25</u>

<u>CITY HALL GARDEN & SUNDRY PLOTS.</u>	<u>Labor</u>	<u>Material</u>	<u>Total</u>
Appropriation	480.55		480.55
City Hall Garden	169.20		169.20
Tompkins Gardens	82.75	9.15	91.90
Royal North-West Mounted Police Memorial Plot	11.50		11.50
Garden Crescent	40.40		40.40
Islands at Street Intersections	68.35		68.35
Bridge Approaches (Langevan & Mission)	31.80		31.80
Elbow Park Plot	67.40		67.40
	471.40	9.15	480.55

PLAYGROUNDS.

Appropriation	1573.06	301.94	1875.00
Mewata Park	41.45	16.40	57.85
Riley Park	41.25	16.35	57.60
St. George's.	81.65	24.25	105.90
Tuxedo Park	25.60	8.55	34.15
Victoria Park	11.00	2.50	13.50
Crescent Heights High School	6.40	1.75	8.15
Ramsay School	7.57	1.00	8.57
Riverside School	8.15	1.60	9.75
Victoria School	3.70	1.00	4.70
South Calgary	20.70	7.00	27.70
Elbow Park	22.30	7.50	29.80
East Calgary	4.40	2.50	6.90
Ogden	2.30	1.35	3.65
Park Road	3.65	1.75	5.40
Supervisors' Salaries	1256.70		1256.70
Supervision Equipment	30.00	208.44	238.44
	1566.82	301.94	1868.76

RINKS.

Appropriation	2825.55	400.00	3225.55
Hillhurst Rink:- Flooding, mtce & dressing room	1600.19	29.42	1629.61
Heating		35.77	35.77
Bandstand	13.35		13.35
Installing Light	12.40	98.22	110.62
Electric Light		116.00	116.40
Mewata Rink:- Flooding Mtce & dressing room	1537.55	81.67	1669.22
Heating		32.35	32.35
Installing Light		83.51	83.51
Electric Light		81.00	81.00
Victoria Park	53.75		53.75
Sunalta Park	3.85		3.85
Tuxedo Park	37.80		37.80
Park Hill	29.55		29.55
Western Canada College	38.30		38.30
" " " , hockey	13.40		13.40
Grace Church	25.85		25.85
Elbow Park	10.30		10.30
Glengarry	10.50		10.50
Sunalta	33.60		33.60
Boy Scouts	24.95		24.95
Westmount Community Rink	2.00		2.00
South Calgary	32.60		32.60

RINKS Contd.-

Sunnyside	46.25		46.25
Crescent Heights Community Rink	67.70		67.70
Rosedale	18.35		18.35
Riverside	2.00		2.00
Alexandra Hockey Rink	42.60		42.60
Mission	6.55		6.55
Parkview	9.00		9.00
King George School	26.25		26.25
Ogden	14.85		14.85
" , Lighting		207.48	207.48
Millican Estate	11.50		11.50
Mount Pleasant Community Rink	4.75		4.75
Walker Estate	11.65		11.65
Killarney	5.25		5.25
West Calgary	4.10		4.10
16th Ave & 9th Street West	3.60		3.60
North End Community Rink		69.32	69.32
Separate Schools (Paid for)	29.10		29.10
Private Rinks (Paid for)	111.80		111.80

3945.24 835.24 4780.48

ATHLETICS.

Appropriation	LABOR	MATERIAL	TOTALS	TOTALS BY LOCATION
	<u>2402.80</u>	<u>3064.99</u>	<u>5467.79</u>	
Hillhurst Park:-				
Rent of Park		2500.00	2500.00	
Football Field Maintenance	641.55	65.48	707.03	
Fence Repairs	5.22		5.22	
Buildings, mtce & repairs	46.40	20.23	66.63	
Electric Light		17.25	17.25	
Gas		4.92	4.92	
Water Service mtce & repairs	17.40		17.40	3318.45
Mewata Park:-				
Football Field Maintenance	328.85	30.86	359.71	
Baseball Diamonds mtce	282.15	12.61	294.76	
Dressing Room		12.01	12.01	
Electric Light		9.50	9.50	
Tennis Courts	42.20		42.20	718.18
Crescent Heights Athletic Grounds:-				
Tennis	165.48	72.90	238.38	
Baseball	23.65	24.19	47.84	
Football	78.45		78.45	364.67
East Calgary:-				
Baseball	11.60	5.66	17.26	
Football	6.60		6.60	24.86
Tuxedo Park:-				
Grading Football Field	165.10		165.10	165.10
Capitol Hill - Baseball Field	29.10	7.36	36.46	36.46
St. George's Island:-				
Tennis	73.20	132.15	205.35	
Race Track	3.00		3.00	208.35
City Hall Tennis Courts	1.65	32.95	34.60	34.60
Elbow Park Football Ground	65.00	9.27	74.27	74.27
Riverside Baseball Ground	48.80	22.98	71.78	71.78
Regal Terrace - Football Ground	33.30	1.03	34.33	34.33
South Calgary:-				
Cricket	84.05	10.80	94.85	
Football	110.75	21.76	132.51	227.36
Riley Park - Cricket	88.35	57.37	145.72	145.72

ATHLETICS Contd.-
 Cc'dm - Football
 Holidays
 Miscellaneous

LABOR	MATERIAL	TOTALS	TOTALS BY
	21.11	21.11	Loc. 21.11
128.80		128.80	
67.50		67.50	

2548.15 3098.39 5641.54

SUMMARY BY ACTIVITIES

Football	\$4,465.33
Baseball	471.06
Tennis	520.53
Cricket	240.57
General	199.30
	<u>5641.54</u>

BOULEVARDS.

Appropriation	LABOR	MATERIAL	TOTAL
Trees:-Planting	5436.26	500.63	5936.99
Staking and tying	527.31		527.31
Pruning & dressing	575.45	128.21	703.66
Cultivating	591.55	2.83	594.38
Watering	592.44		592.44
Spraying etc.	510.35	14.80	525.15
Stock	18.85		18.85
Mowing		123.60	123.60
Renovation	1129.25		1129.25
Raking	66.20		66.20
Refuse	580.25		580.25
Overhanging Tree Notices $\frac{1}{2}$	454.95		454.95
Riverside blvd. Fence repairs	97.00	9.50	106.50
Memorial Drive, Planting & maintenance	20.30	8.61	28.91
Holidays	1214.08	577.14	1791.22
Miscellaneous	231.60		231.60
	89.95		89.95
	<u>6699.53</u>	<u>864.69</u>	<u>7564.22</u>

CEMETERY.

Appropriation	LABOR	MATERIAL	TOTAL
Trees:-Planting	13582.99	2076.48	15659.47
Pruning	242.45		242.45
Cultivating	110.60		110.60
Watering	184.39		184.39
Shrubbery Borders	50.40		50.40
Flower Borders	104.40		104.40
Manuring, mulching & fertilizing	635.35	13.79	649.14
Mowing	172.05		172.05
Road making and maintenance	1176.30		1176.30
Drains and gutters	744.10		744.10
Rock Cutting	50.50		50.50
Rock Retaining Walls	147.50		147.50
Grading	50.65		50.65
Snow removal	408.03		408.03
Buildings, mtce & repairs	376.30		376.30
Heating Chapel	33.20	33.40	116.60
Fencing	4.50	35.91	40.41
Graves:-Digging (Revenue \$4231.20)	130.75		130.75
Surplus soil from,	3139.92	64.20	3204.12
Mtce., (revenue \$2247.24)	641.74		641.74
Loam & Seed (revenue \$1184.95)	2194.30	127.92	2322.22
Plotting & Plans	1320.35	936.07	2257.02
Markers	62.80		62.80
Veterans' Plot improvements & mtce	201.70	24.32	226.02
	141.80		141.80

<u>CEMETERY Contd.</u>		<u>LABOR</u>	<u>MATERIAL</u>	<u>TOTALS</u>
Memorial Day		28.80		28.80
Caretaking		1790.36		1790.36
Holidays		441.80		441.80
Refuse removal		97.50		97.50
Water Service, mtce & repairs		105.50	4.08	109.58
" " extension		164.85	161.23	326.08
" " (Waterworks charge)		63.44	194.13	257.57
Watering		228.80		226.80
Addition to Old Cemetery (Section X):-				
Survey & Fencing		126.00	55.83	181.83
Plotting		32.90		32.90
Grading		131.20		131.20
Burnsland Cemetery (New Cemetery site)				
Land			500.00	500.00
Survey		14.05		14.05
Plans		23.40		23.40
Clearing land		8.40		8.40
Hebrew Cemetery - seeding bank		23.00		23.00
Miscellaneous		57.55	4.58	62.13
		<u>15710.23</u>	<u>2155.46</u>	<u>17865.69</u>
<u>NURSERIES.</u>	Appropriation	3150.00	256.16	3406.16
Propagation		1368.80	156.73	1525.53
Transplanting		170.35		170.35
Digging, Cultivating & Manuring		759.05		759.05
Pruning, spraying, etc		186.20		186.20
Supplies (Flats, labels, etc)		104.80	1.74	106.54
Water Service, improvements & mtce		189.20	97.22	286.42
Refuse		101.25		101.25
Fence repairs		15.25		15.25
Stocktaking		39.70		39.70
Holidays		103.40		103.40
Miscellaneous		135.90	5.17	141.07
		<u>3173.90</u>	<u>260.86</u>	<u>3434.76</u>
<u>GREENHOUSES.</u>	Appropriation	2887.70	912.30	3800.00
General Mtce (propagating, watering etc)		2093.89		2093.89
Repairs & Gen mtce, bldgs and plant		63.85	32.42	96.27
Electric Light			43.20	43.20
Supplies (Flats - Pots, seeds etc)		75.40	103.00	178.40
Heating		661.65	733.68	1395.33
Assistance given Calgary Hort Society		40.00		40.00
Holidays		66.10		66.10
		<u>3000.89</u>	<u>912.30</u>	<u>3913.19</u>
<u>Salaries.</u>	Appropriation	5584.98		5584.98
Superintendent		2249.96		2249.96
General Foreman		1827.02		1827.02
Bookkeeper		1508.00		1508.00
		<u>5584.98</u>		<u>5584.98</u>
<u>STATIONERY PRINTING ETC.</u>	Appropriation		411.65	411.65
Stationery			84.28	84.28
Printing			195.05	195.05
Stamps			125.32	125.32
Car Fares			7.00	7.00
			<u>411.65</u>	<u>411.65</u>

MTCE TOOLS, PLANT, & EQUIPMENT.
 Appropriation
 General maintenance & repairs.

Labor	Material	Totals
700.00	500.00	1200.00
<u>600.30</u>	<u>520.83</u>	<u>1211.13</u>

AUTOMOBILE MTCE.

Appropriation	Labor	Material	Total	Totals by location.
Car 45:-Gas & Oil	198.58	242.48	242.48	
General mtce & repairs	80.13	407.98	488.01	
Insurance		63.93	63.93	
Licenses		18.00	18.00	
Depreciation		119.34	119.34	931.76
Car 49:-Gas & Oil		244.24	244.24	
General mtce & repairs	150.13	377.78	527.91	
Insurance		7.95	7.95	
Licenses		18.00	18.00	
Depreciation		159.29	159.29	957.39
Car 10:-Gas & Oil		566.96		
General mtce & repairs	190.11	296.77	486.86	
Insurance		7.15	7.15	
Licenses		40.50	40.50	
Depreciation		120.28	120.28	1221.75

420.37 2690.53 3110.90

✓ WATER. Appropriation

134.99	134.99
<u>134.99</u>	<u>134.99</u>

✓ WEEDING.

Public Property	1547.75	20.19	1567.94
Private Property -(charged to Taxes)	1031.25	130.32	1161.57
	<u>2579.00</u>	<u>150.51</u>	<u>2729.51</u>

✓ SUNDRIES. Appropriation

Electric Light	600.00	250.00	850.00
Telephone		66.78	66.78
Cab for Truck		29.90	29.90
Wages for Truck Driver prior to Waterworks Dept		90.00	90.00
Work at Victoria Park(ExhibitionCo)	235.83		235.83
Hospital Garden	128.90		128.90
I O D E Garden Party	19.80		19.80
Supervising Relief men	1.80		1.80
Municipal Xmas. Tree	48.40		48.40
Grasshoppers	24.00		24.00
Miscellaneous Items	927.41	229.44	1156.85
	1141.85	281.57	1423.43
	<u>2528.00</u>	<u>697.69</u>	<u>3225.69</u>

CLASSIFIED DETAILS OF APPROPRIATION EXPENDITURES FOR 1922.

TREES

Planting	1146.81	
Pruning & Dressing	902.98	
Staking & Tying	703.65	
Cultivating	813.37	
Memorial Drive - Maintenance	<u>1727.22</u>	5357.95

SHRUBBERIES

Borders	554.26	
Vines	<u>51.80</u>	606.06

FLORAL DISPLAY, DECORATIONS, ETC.

Seeds & Borders	2368.82	
Memorial Day	52.20	
Decorations to Hospital Grounds	<u>19.80</u>	2440.82

LAWNS

Curbing	67.60	
General Maintenance	<u>4718.23</u>	4785.83

ROADS & PATHS

General Maintenance & Rock Retaining Walls	2156.47	
Snow Removal	400.10	
Drains & Gutters	198.00	
Grading	<u>1292.58</u>	4047.15

BUILDINGS

General Maintenance & Repairs	1658.50	
Comfort Stations	<u>171.97</u>	1830.47

PARK FURNITURE

General Maintenance & Repairs	136.53	
Fencing & Fence Repairs	1062.96	
Notice Boards & Signs	<u>148.60</u>	1348.09

ATHLETICS & AMUSEMENTS

Baseball Diamond Maintenance	469.10	
Football Fields Maintained	1579.11	
Rent of Hillhurst Park	2500.00	
Tennis Courts Maintenance	520.53	
Cricket Pitches Maintenance	240.57	
Playground Maintenance	1868.76	
Rinks Maintenance	4780.48	
Race track Maintenance	3.00	
Golf Course Maintenance	3178.75	
Auto Camping Ground	316.30	
Picnics	161.05	
Bathing Pool Maintenance	102.75	
Bathing Pool Construction	1655.97	
Band Concerts	38.15	
Municipal Xmas. Tree	<u>25.80</u>	17440.82

NURSERIES, GREENHOUSES

Propagating, Potting & Planting	3812.77	
Digging & Cultivating	759.05	
Heating Greenhouses	1395.33	
Supplies, Seeds, flats & labels	<u>284.94</u>	6252.09

CEMETERY

Graves, Plotting	95.70	
" Lot markers	226.02	
" Digging	3204.12	
" Surplus Soil From	641.74	
" Man & Seed	2257.02	
" Maintenance	3335.22	
" Veteran's Plot Improvements	141.60	
Burnsland Cemetery (New)-Land	500.00	
-Clearing	<u>48.85</u>	9434.27

SUNDRIES

Caretaking	1868.26	
Holidays	1288.90	
Gravel Sales	22.65	
Manuring & Mulching	264.05	
Guns	14.57	
Posts, Spraying, etc.	205.05	
Refuse	1168.96	
Weedcutting	2729.51	
Stock	282.70	
Work for Exhibition Company	128.90	
Zoo Maintenance, Feeding, etc.	350.93	
Kangaroos	648.85	
Grasshopper Plague	1156.85	
Miscellaneous	<u>1962.97</u>	12113.95

OVERHEAD

Automobile Maintenance	3436.73	
Stationery & Printing	411.65	
Tools, Equipment & Maintenance	1211.13	
Salaries	5584.98	
Telephones	<u>95.90</u>	10740.39

WATER SERVICE, GAS, & LIGHT

Light	774.18	
Gas	121.32	
Water	134.99	
Water Service, maintenance & Repairs	570.26	
" " extension	599.03	
Watering	1274.44	
Sprinkler System	<u>130.22</u>	3649.44

80047.33

SUMMARY OF EXPENDITURES BY LOCATIONS

	LABOR	MATERIAL	TOTALS
Central Park	2133.87	272.28	2406.15
Mewata Park	414.60	89.58	504.18
Riley Park	3796.98	323.30	4120.28
St. George's Island	4897.13	1344.99	6242.12
Victoria Park	66.60		66.60
Golf Course	3168.53	845.25	4013.78
City Hall Grounds and Sundry Plots	471.40	9.15	480.55
Playgrounds	1566.82	301.94	1868.76
Rinks	3945.24	835.24	4780.48
Athletics	2548.15	3093.39	5641.54
Boulevards	6699.53	864.69	7564.22
Cemetery	15710.23	2155.46	17865.69
Nurseries	3173.90	260.86	3434.76
Greenhouses	3000.89	912.30	3913.19
Salaries	5584.98		5584.98
Stationery, Printing, etc.		411.65	411.65
Maintenance, Tools, Plant & Equip.	690.30	520.83	1211.13
Auto Maintenance	420.37	2690.53	3110.90
Water		134.99	134.99
Weedcutting	1547.75	20.19	1567.94
Sundries	2528.00	697.69	3225.69
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Total Expenditures charged to Appropriations	62365.27	15784.31	78149.58
Charged to Miscellaneous Accounts,- Dressing Room, Riley Park			
Wading Pool	51.40	113.31	164.71
Charged to Golf Revenue:-			
Resurfacing Sand & Oil Greens	215.20	156.27	371.47
Bonus for Steward	200.00		200.00
Charged to Taxes Direct:- Weedcutting on Private Property	1031.25	130.32	1161.57
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	63863.12	16184.21	80047.33
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✓ TREES AND SHRUBS PLANTED FROM NURSERY. 1922.

TREES:-	Central Park.	Cemetery.	Boulevds.	Riley Park.	Mowata Park	St. Geos Island.	Totals.	Sold.
Ash, Green.						50	50	
Bertha Cottonwood.		24	7				31	
Dakota Elm		42	122	213		15	392	
Populus certinensis.			46		10		56	
" Robbstii.		122	90				212	
" acuminata.			50				50	
" angustifolia		56					56	
Minnesota Maple		547	334	428	18	200	1527	
Mountain Ash		25		25			50	
Spruce		30					30	
Totals.		846	649	686	28	265	2454	5

SHRUBS:-

Caragana arborescens.			80	22	10	15	127	
Native Dogwood.	4	4	30	2			36	
Lonicera tartarica		12		12			24	
Syringa villosa	8		6	40		21	75	
" vulgaris				6			6	
Salix viminalis	8		96	59	20	53	236	
Red Willow				15			15	
Golden Willow				6			6	
Native Willow				35			35	
Roses in variety.	16						16	
Totals.	32	16	212	197	30	89	576	842

✓ PERENNIALS PLANTED FROM NURSERY. 1922.

	Central Park.	Cemetery.	Riley Park.	Victoria Park.	St. Geos Island.	Totals.	Sold.
Aconitum napellus		16	20	16		52	
Aquilegia			15			15	
Achillaea mill, rubrum.			50			50	
" tomentosa		1				1	
Asperula hexophilla	16	9			24	49	
Aster in variety.				61		61	
Aster sub-coeruleus		2				2	
" alpinus, "Goliath".		4				4	
" hymalaicus.		4				4	
Artemesia pedemontana					22	22	
Anthericum liliastrum				12		12	
Ajuga reptans fl.pl.		3				3	
" reptans rubra.		3				3	
Forward.	16	42	85	89	46	278	

Perennials, (Contd).

	Central Park.	Cemetery.	Riley Park.	Victoria Park.	St. Gees Island.	Totals.	Sales.
Brought Forward	16	42	85	89	46	278	
Ajuga genevensis		3				3	
Campanula grosseki.			4	6		10	
glomerata			4	22		26	
rapunculoides			20	10		30	
carpatica	10	8				18	
persicifolia		30				30	
punctata				3		3	
latifolia		5				5	
lactiflora macrantha		4				4	
Canterbury Bells	40	40			50	130	
Cephalaria alpina	12					12	
Cercopsis lanceolata	12					12	
Centaurea montana				18	20	38	
Clematis integrifolia		5				5	
Chelone Lyoni		6				6	
Dielytra spectabilis			8			8	
formosa		5				5	
Dianthus plumarius	24					24	
caesiis		4				4	
Delphinium in variety		24	62		36	123	
Epimedium violaceum		5				5	
sulphureum		7				7	
Muschianum		5				5	
Elymus glaucus		1				1	
Euphorbia cyparissus		3				3	
Eryngium planum		12				12	
Gypsophylla paniculata	10					10	
cerastoides		5				5	
Gillenia trifoliata		4				4	
Helianthus multiflorus	24		24	36	20	104	
Iris, in variety.	116	51	108	94	40	409	
Inula glandulosa grandiflora		3				3	
ensifolia		4				4	
Lychnis viscaria			44			44	
Lamium		6				6	
Nierembergia rivularis		3				3	
Nepeta Mussini		6				6	
Physostegia virginica			3			3	
Polemonium coeruleum	24		36		50	110	
Platyodon	6					6	
Pinks.	47				40	87	
Peony assorted.	12	14	100		12	138	
Phlox divaricata canadensis		5				5	
Pennisetum japonicum		6				6	
Ranunculus acris fl. pl.	24		20	36	20	100	
Rudbeckia Newmanii.		1				1	
laciniata	12					12	
Scabiosa caucasica alba		6				6	
Sisyrinchium bermudianum		5				5	
Thalictrum aquilegifolium	26	10				36	
dipterocephalum		1				1	
Verbascum, Mrs Wilmott	25	20			50	95	
Forward	440	360	518	314	384	2016	

<u>Perennials. (Contd.)</u>	Central Park	Cemetery	Riley Park.	Victoria Park.	St. Geos Island.	Totals.	Sold
Brot. forward	440	360	518	314	384	2016	
Veronica spicata		25	12			37	
incana		5				5	
amethystina		5				5	
maritimus		4				4	
repens		4				4	
virginica		5				5	
Totals.	440	408	530	314	384	2076	845

✓ ANNUALS PLANTED FROM HOTBEDS. 1922.

	Cemetery Borders.	Nurseries	Central Park.	St. Geos Island.	Riley Park.	Misc.	Totals.
Acroclinum	240	168					408
Asters	1180			96	24	24	1324
Alyssum, sweet.	72				24		96
Ammobium alatum	150	100					250
Agrostemma coeli-rosa	60			24		12	96
Agrostemma	24				48		72
Ageratum	48						48
Antirrhinum	420						420
Arctotis grandis	94						94
Anagallis (Pimpernel)	24						24
Amaranthus caudatus	48						48
Argemone grandiflora	100						100
Alonsoa	12						12
Abronia umbellata	12						12
Balsam	12						12
Calendula officinalis	90			108		60	258
Calendula pluvialis	48						48
Chrysanthemum, Annual.	480			72	348	24	924
Cosmos	36						36
Centaurea margarita	12						12
Centaurea depressa	15						15
Calliopsis	108		120	348	216	12	804
Dimorphotheca	148			24		12	184
Dianthus	140		228		84	20	472
Dianthus, (Annual Sweet William)	24						24
Feverfew	24			24	48		96
Helichrysum	200	228					428
Jacobaea	100						100
Kochia tricophylla			24				24
Linum grandiflorum rubrum	130						130
Lavatera	40		6				46
Leptosyne maritima	10						10
Marigold, French.	18					6	24
Marigold, African.	116					12	128

<u>Annuals. (C ntd).</u>	Cemetery Borders	Nurseries	Central Park.	St. Gees Island.	Riley Park.	Misc.	Totals.
Malope grandiflora	44						44
Nemesia	260					20	280
Nicotiana affinis	48						48
Sanderac	24						24
Nasturtium	175					25	200
Oenothera lamarckiana	96						96
bistorta	100						100
Rose Campion	172						172
Pansy	1340					24	1364
Poppy, Iceland	50					20	70
" "	1100						1100 - (Veterans' Plot)
Popover glaucum	96						96
Phlox drummendi	133						133
Scabicus	200		96				296
Stocks	580					24	604
Silene pendula compacta	270						270
Statice	418	12					430
Salvia	144			24			168
Sweet Sultan	180		50	50	50	12	342
Sunflower	12						12
Tagetes	100						100
Verbena	200	48					248
Xeranthemum	17						17
Totals.	8894	556	524	770	842	307	12993

✓ PERENNIALS PLANTED FROM HOTBEDS. 1922.

Anchusa, Dropmore variety.		48					48
Armeria formosa	120						120
Aquilegia		250					250
Arabis alpina	100				96		196
Alyssum saxatile	12						12
Adonis autumnalis	15						15
Anthemis tinctoria				24	200		224
Asperula hexophylla		120					120
Arenaria montana	100						100
Aster alpinum		72					72
Chrysanthemum, Early Flowering.		24					24
Mrs.C.Loathian Bell.	48	48					96
Alaska		72					72
Carnation, Glenadin	12		24				36
Margarite	64						64
Centaurea montana	24						24
Crepis grandiflora		96					96
Campanula carpatica	100	144					244
glomerata		24					24
persicifolia	100	100					200
alliaræfolia		84					84
rapunculoides		96					96
Grosseki		96					96
sarmatica	12						12
Canterbury Bells.		670					670

Perennials, (Contd).

	Cemetery Borders.	Nurseries.	Central Park.	St. George's Island.	Riley Park.	Misc.	Totals.
Cerastium tomentosum	168						168
biebersteinii	96						96
Chelone barbata		24					24
Cephalaria alpina	24						24
Commelina coelestis	96						96
Cheiranthus Allionii	14						14
Crucianella stylosa	48						48
Calsia cretica		15					15
Delphinium chinense		100					100
hybrids		400					400
nudicaule		12					12
Dianthus plumarius	48				48		96
Erysimum	96				75		171
, pulchellum	64						64
Eryngium planum	48						48
Eupatorium ageratooides		96					96
Erigeron speciosus		50					50
Foxglove	50						50
Gaillardia		100					100
Gnaphalium paniculata		200					200
Galium verum	70						70
Hyssepis officinalis	96						96
Helenium Hoopsii	24	75					99
Hollyhocks		168					168
Hypericum elegans	12						12
Heuchera sanguinea	48						48
Iberis gibraltarica	64						64
Iberis hybrida	14						14
Linum perenne	190						190
alpinum	24			24			48
Lychnis Arkwrightii		12					12
haegiana	24	72					96
chalconica		72					72
Liatris	27						27
Lilium tenuifolium	63						63
Lythrum roseum superbum	45						45
Labelia siphilitica	48						48
Melva moschata	12						12
Mosses	28						28
Oenothera macrocarpa	50						50
Pyrethrum	48	250					298
Pentstemon		200					200
Polemonium Richardsonii	96						96
Polemonium coeruleum		100					100
Portulaca	150						150
Papaver pilsosum		100					100
rupifragum	12						12
Poppy, Oriental,		96					96
Rocket, Sweet,					100		100
Scabiosa atropurpurea	45						45
caucasica	24						24
Sweet William		300					300
Silene orientale	196						196

<u>Perennials, (Contd)</u>	<u>Cemetery Borders.</u>	<u>Nurseries</u>	<u>Central Park.</u>	<u>St. Georges Island.</u>	<u>Riley Park.</u>	<u>Misc.</u>	<u>Totals.</u>
Silene schafta	24						24
Statice incana nana	24						24
Saponaria ceymoides	24						24
Thalictrum aquilegifolium		24					24
Verbascum	16	24					40
" Harkness Hybrids	46	50					96
pannosum	38	50					88
Veronica spicata	90						90
Valerian	24						24
Totals.	3155	4534	24	48	519		8280

VINES.

Ampelopsis.	50	36					86
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VEGETABLES.

Tomatoes-		50					50
Cabbage		1100			40		1140
Broccoli		120			12		132
Cauliflower		280			24		304
Colety		300			24		324
Lettuce		600					600
Sage		72					72
Parsley		100					100
Pat Margorum		100					100
Thyme		100					100
Totals .		2822			100		2922

SUMMARY.

Annuals	12993
Perennials	8280
Vines	86
Vegetables	<u>2922</u>

Total plants raised on Herbbeds. 24281