

ITEM 8
MANAGER'S REPORT NO. 39
COUNCIL MEETING May 30/77

Re: TRAIL MAINTENANCE

Following is a report from the Parks and Recreation Administrator on the maintenance of trails.

This is for the information of Council.

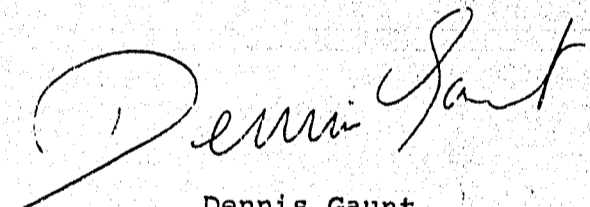
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TO: MUNICIPAL MANAGER MAY 20, 1977
FROM: PARKS AND RECREATION ADMINISTRATOR
RE: TRAIL MAINTENANCE

Council has requested comment on the above subject. Parks and Recreation staff submitted a report to the Commission at the meeting of May 18, 1977.

A copy of this report is attached in accordance with the Commission's directions.

This report is for the information of Council.


Dennis Gaunt.

AG:gl

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ADMINISTRATOR'S REPORT NO. 11
COMMISSION MEETING MAY 18/77

RE: TRAIL MAINTENANCE

The maintenance of trails has been an ongoing concern of both the Commission and Parks and Recreation staff for some time. A request for comment on Trail Maintenance was also referred to the Commission by Council at the Commission meeting of May 19, 1976. Proper maintenance is difficult because of two factors:

- (a) Damage to the trails by off-street motorized vehicles. 127
- (b) An inadequate maintenance and development budget.

USE OF TRAILS BY OFF-STREET MOTORIZED VEHICLES

In order to assist the R.C.M.P. in controlling the use of off-street motorized vehicles on both public and private lands, the Municipal Council in September of 1976 gave final reading to a by-law which amended the Burnaby Street and Traffic By-Law.

R.C.M.P. staff advised that the passage of the amendment has allowed them to take stronger action when they apprehend an offender on parks property. Juvenile offenders now have their vehicles impounded; while adult offenders are charged under the By-Law and fined. The R.C.M.P. feel that with the imposition of these penalties there will be a gradual education of the public which will result in a decrease in the problem.

However, the experience of Parks staff is that, to date, there has been no significant lessening of trail damage as a result of the By-Law amendment.

TRAILS MAINTAINED ON A REGULAR BASIS

At the present time, the Department maintains on a regular basis trails located in the following areas (see Attachments 1 through 11):

1. Municipal Golf Course
2. Robert Burnaby Park
3. Burnaby Mountain - (a) from Hydro right-of-way on North Road to water tower near Burnaby Mountain Pavilion.
(b) below the Pavilion to Barnet Highway.
4. Burnaby Lake
5. Ron McLean Park
6. Kaymar/Suncrest Ravine
7. Wesburn Ravine Area
8. Central Park (main trails only)
9. Broadview Park
10. Duthie-Union Park
11. Stoney Creek Park

Continued ...

Re: Trail Maintenance - Cont'd.

TRAILS NOT REGULARLY MAINTAINED

In addition, work is done in the following areas when a specific problem arises:

1. Along the Hydro Right-Of-Way on the north side of the Freeway from Glencairn to the Hydro relay station east of Hill Avenue.
2. Along the south side of the Freeway from Nursery to Robert Burnaby Park.
3. Along the sewer right-of-way from Nursery, around Burnfield, into Lakeview Park and thence north along the Hydro Right-Of-Way into Robert Burnaby Park.
4. Along the Hydro Right-Of-Way north from Shelmont to Gagliardi Way.
5. Central Park - secondary trails.
6. Ravine Areas
7. Forest Glen
8. Stoney Creek Trail from Lougheed to proposed Stoney Creek School site.
9. Those trails through the North Side of Capitol Hill Conservation Area.

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BUDGET ALLOCATION

The operating funds provided for trail maintenance from 1972 through 1977 appear below:

1972	\$ 8,260
1973	28,000
1974	30,000
1975	27,400
1976	28,700
1977	35,750

This money is spent entirely for maintenance, such as regrading of surfaces, ditch repairs, culvert repairs, bridge and sign replacement and repairs, brushing back of encroaching growth, and purchasing and placing of materials for resurfacing.

Budget limitations have not allowed for a planned program of trail upgrading. As a result, many trails are in a substandard condition. Parks Operating staff have estimated that to maintain acceptable standard on the 11 areas which are regularly maintained would require an increase in the Trail Budget of 100%.

Continued ...

Re: Trail Maintenance - Cont'd.

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DEFINITION OF ACCEPTABLE STANDARD

Trails are to be constructed of hog fuel or gravel in widths ranging from four to eight feet. The choice of materials and the width are determined by the site and the proposed trail usage.

The trail should be dry and kept cleared of encroaching brush.

DESCRIPTION AND CURRENT STATUS OF TRAILS MAINTAINED ON A REGULAR BASIS

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1. Municipal Golf Course

This is a hog fuel trail and meets the acceptable standard.

2. Robert Burnaby Park

These are gravel trails and meet the acceptable standard.

3. Burnaby Mountain

(a) From Hydro Right-Of-Way on North Road to water tower near Burnaby Mountain Pavilion.

This is a gravel trail in poor condition. It requires culverting, repairs to bridges and repairs to those portions damaged by wash-outs.

(b) Below the Pavilion to Barnet Highway.

This is a hog fuel trail in poor condition. It requires clearing of underbrush and some ditching and culverting.

4. Burnaby Lake

This is a hog fuel trail in acceptable condition except for the portion east of the Gun Association between the Service Road south of the sports fields to the road into Burnaby Lake Pavilion. This area requires the addition of more hog fuel.

5. Ron McLean Park

These are gravel trails in acceptable condition.

6. Kaymar/Suncrest Ravine

This is a gravel trail in acceptable condition.

7. Wesburn Ravine Area

This is a gravel trail which requires upgrading such as additional surfacing and repairs to bridges.

8. Central Park (Main Trails Only)

These are gravel trails which are not up to standard. They require an extensive amount of resurfacing.

9. Broadview Park

This is a gravel trail in acceptable condition.

Continued ...

Re: Trail Maintenance - Cont'd.
Description and Current Status - Cont'd.

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10. Duthie-Union Park
This is a hog fuel trail in acceptable condition.

11. Stoney Creek Park
This is a hog fuel trail in acceptable condition.

WORK DONE FROM 1977 BUDGET ALLOCATION

- (a) Golf Course Trail Reditching, culverting, resurfacing.
- (b) Ron McLean Park Trail... Railing repair, resurfacing, reditching.
- (c) Burnaby Mountain Trail
from North Road to the
Pavilion Extensive work was required to restore
a section of the trail which had
eroded. In addition, some general
clearing was done.

TOTAL EXPENDITURES TO DATE \$ 11,750.

WORK PLANNED FOR REMAINDER OF 1977

Burnaby Mountain (a) from Hydro Right-Of-Way on North Road
to water tower near Burnaby Mountain
Pavilion.

Portions of the required work will be
done but there is not a sufficient
amount of money to bring the entire
trail up to standard.

(b) below the Pavilion to Barnet Highway.

The requisite work will be completed
to bring the trail up to standard.

Burnaby Lake The portion east of the Gun Association
between the Service Road south of the
sports fields to the road into Burnaby
Lake Pavilion will be brought up to
standard.

At a special meeting of the Commission on April 26, 1977, an inquiry
was made regarding the trail from the Simon Fraser water tower down
to the sub-station at Gaglardi Way. This trail is not located on
Municipal property and there has been no history of maintenance by
the Parks Department.

SUMMARY

This report outlines the basic components of the Trail System which
are maintained on both a regular and a "trouble-shooting" basis from
the trail budget allocation.

It is the intention of staff to review the possibility of increasing
the trail budget and to make recommendations when the 1978 Budget is
formulated.

RECOMMENDATION:

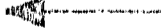
THAT a copy of this report be forwarded to Council.

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Continues to
Underhill

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NORTH

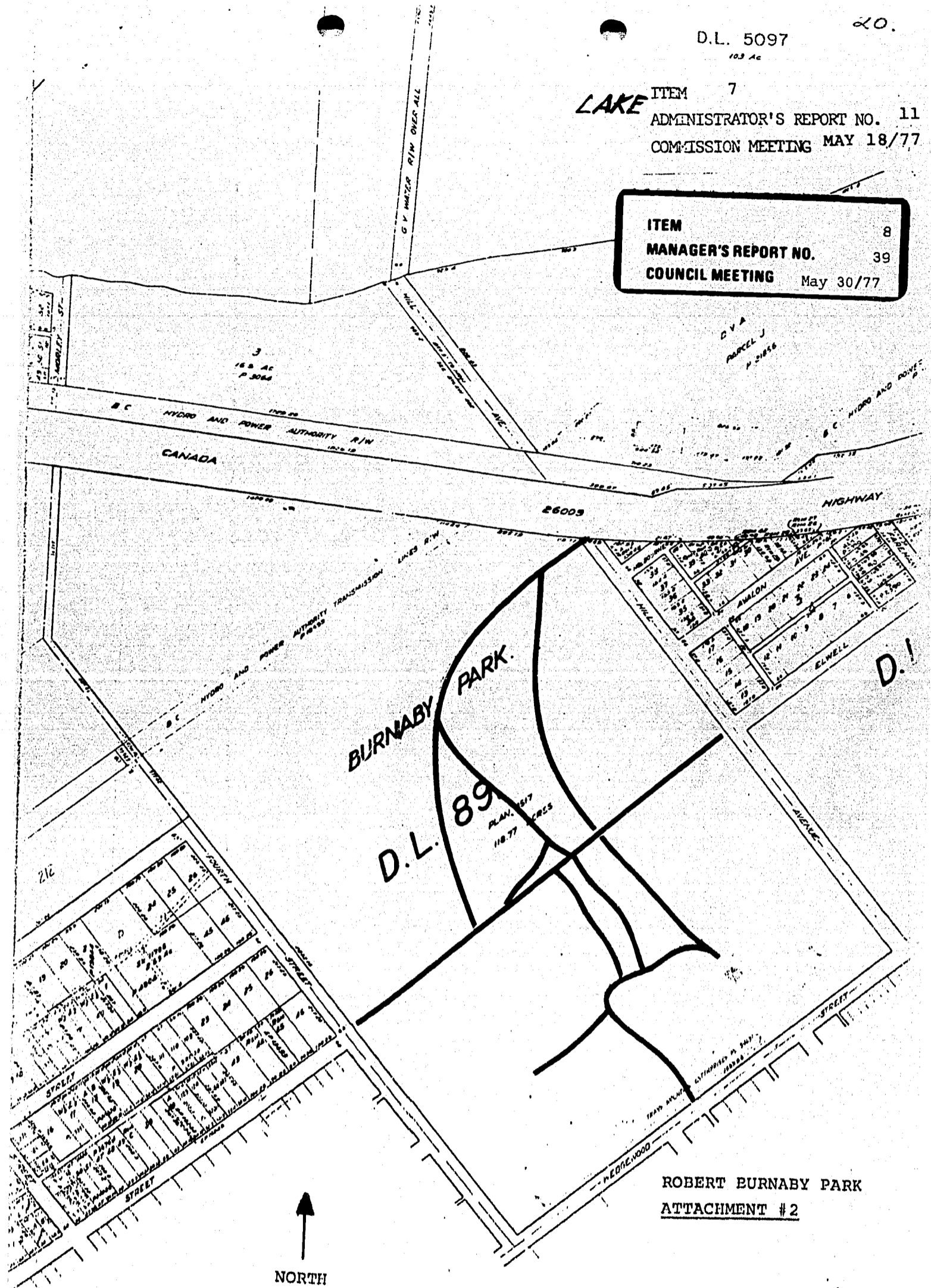


MUNICIPAL GOLF COURSE
ATTACHMENT #1

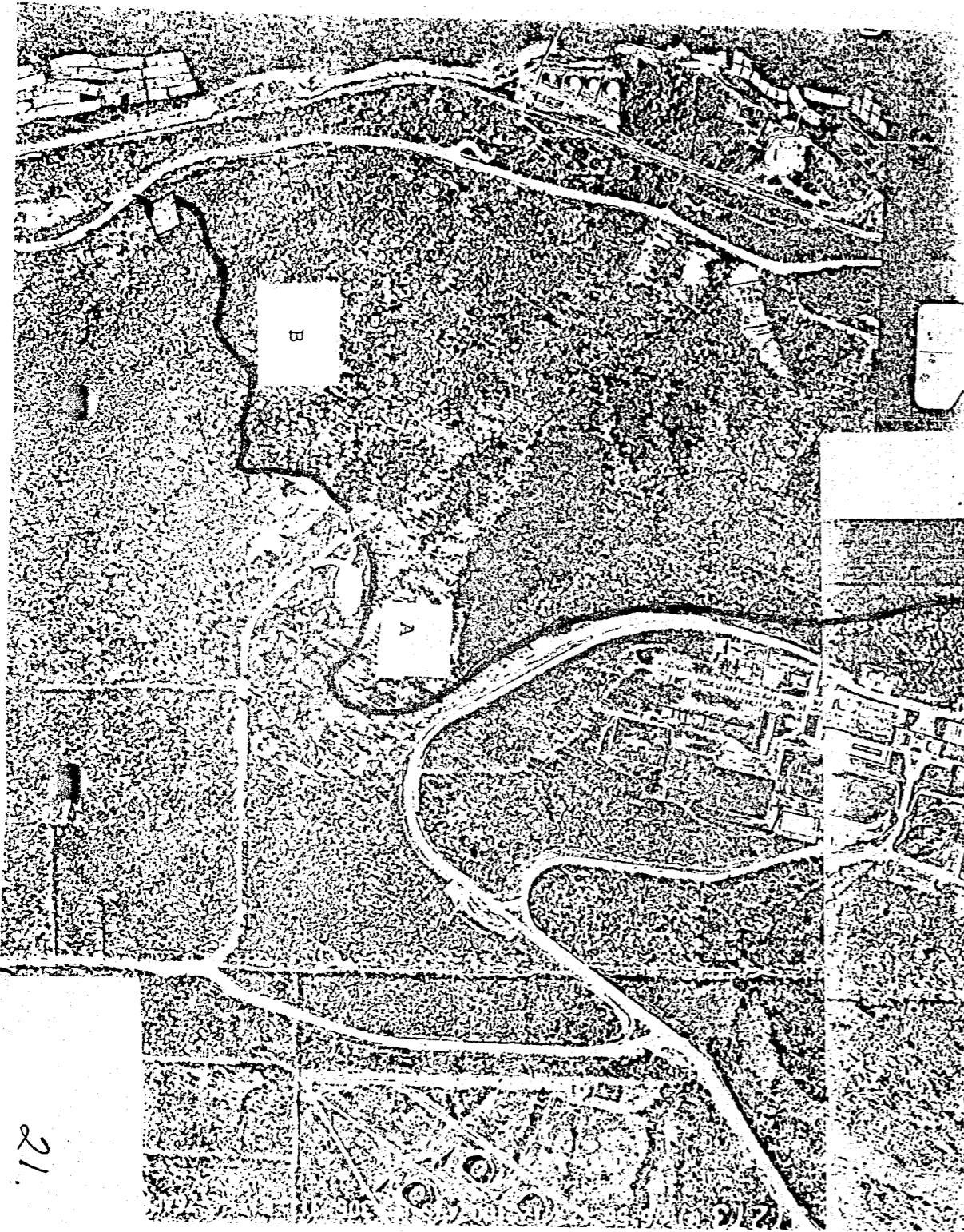
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LAKE ITEM 7
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ROBERT BURNABY PARK
ATTACHMENT #2

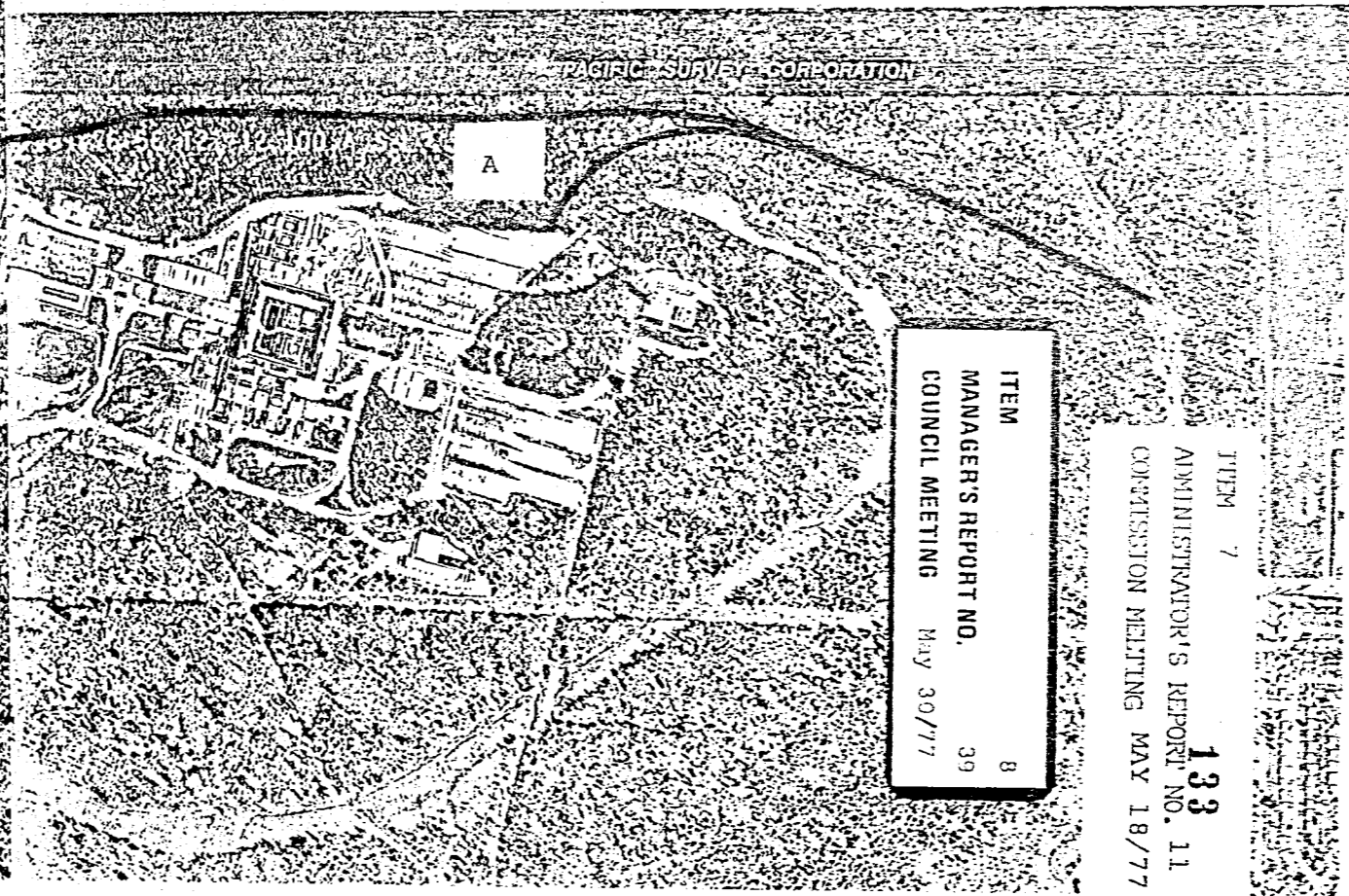


BURNABY MOUNTAIN

- A - from Hydro right-of-way on North Road to water tower near Burnaby Mountain Pavilion.
- B - below the Pavilion to Barnet Highway.



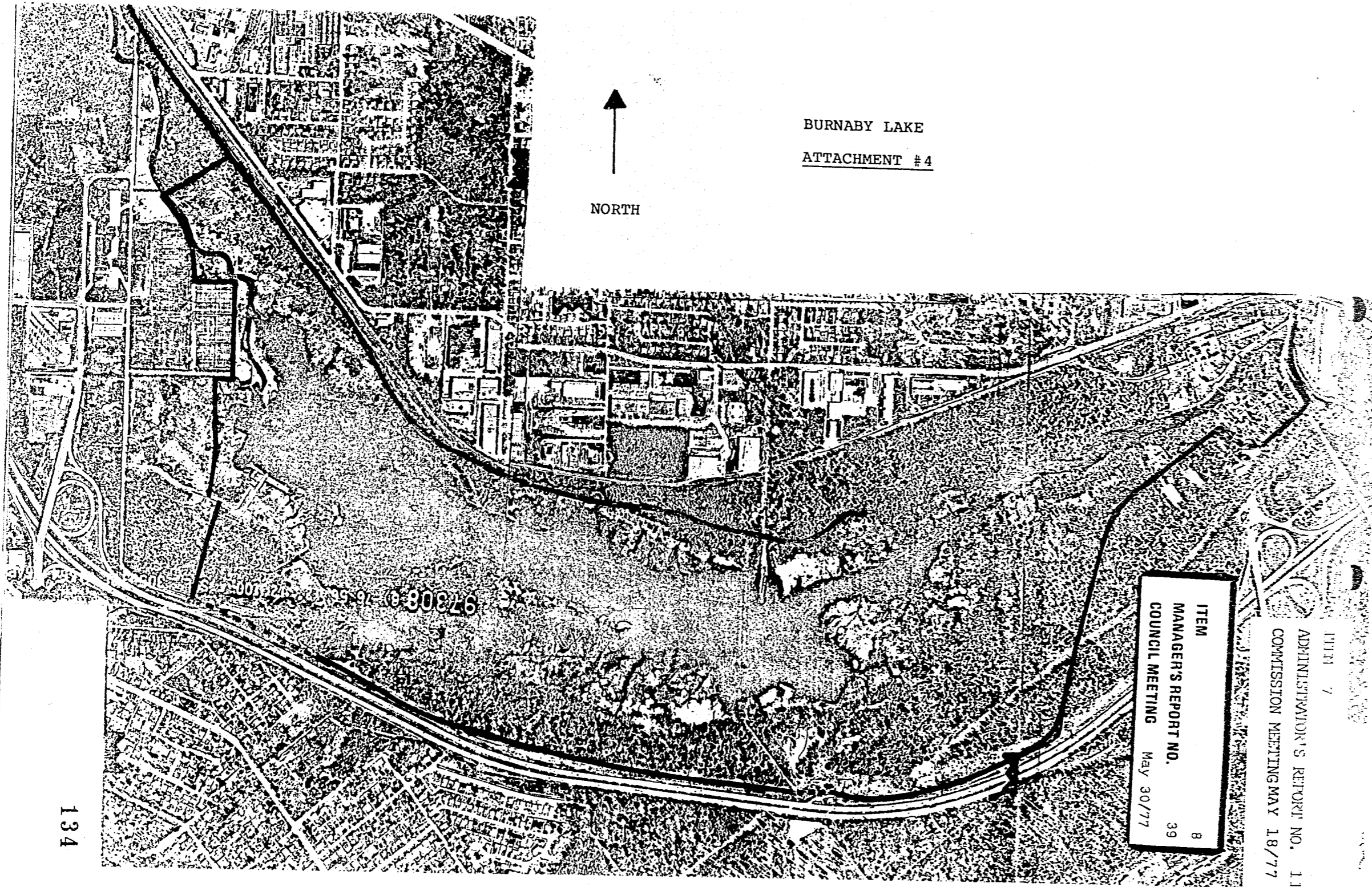
ATTACHMENT #3



PACIFIC SURVEY CORPORATION

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BURNABY LAKE
ATTACHMENT #4

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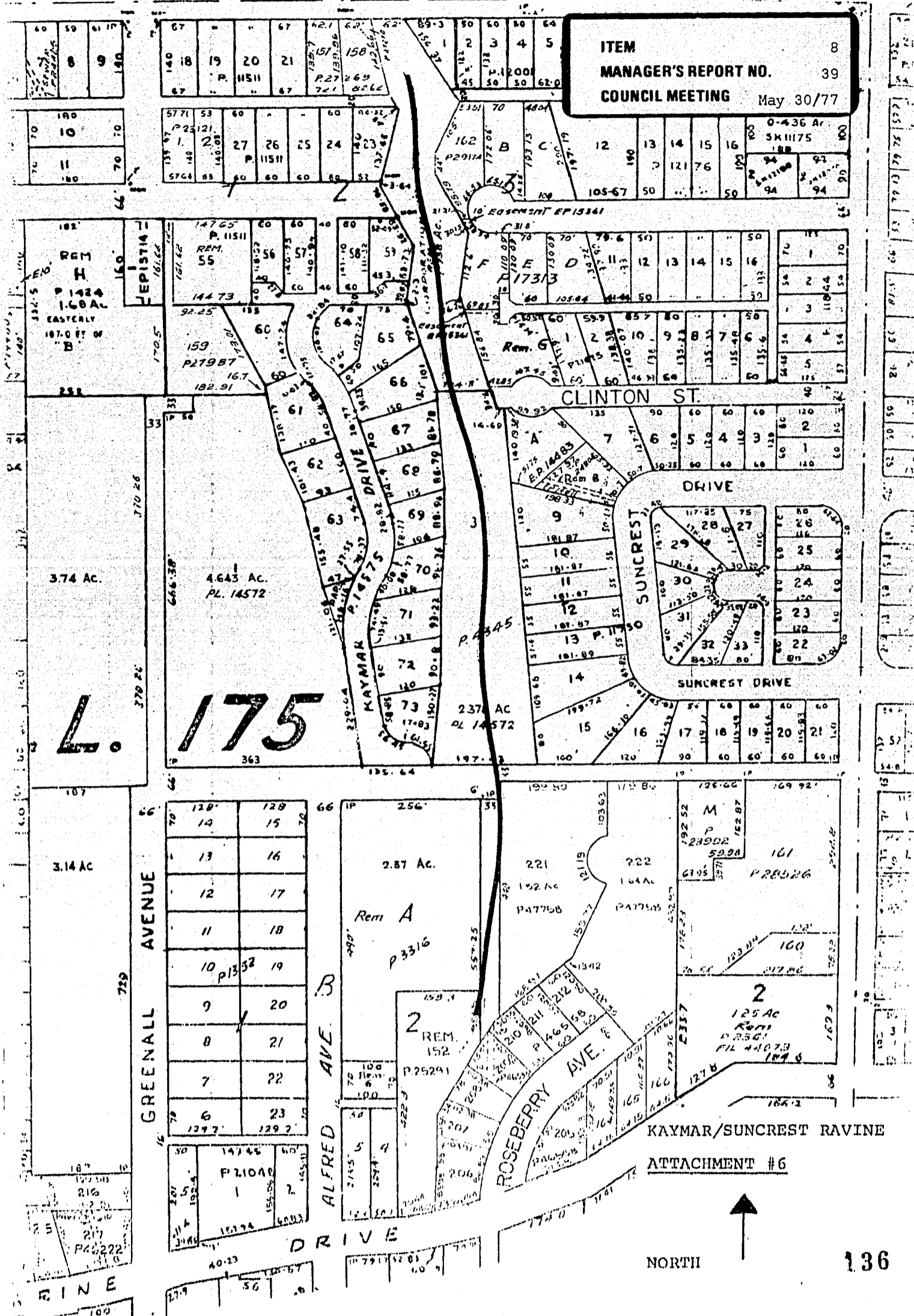
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ACSELER AVENUE

PLAN 16454

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ATTACHMENT #6

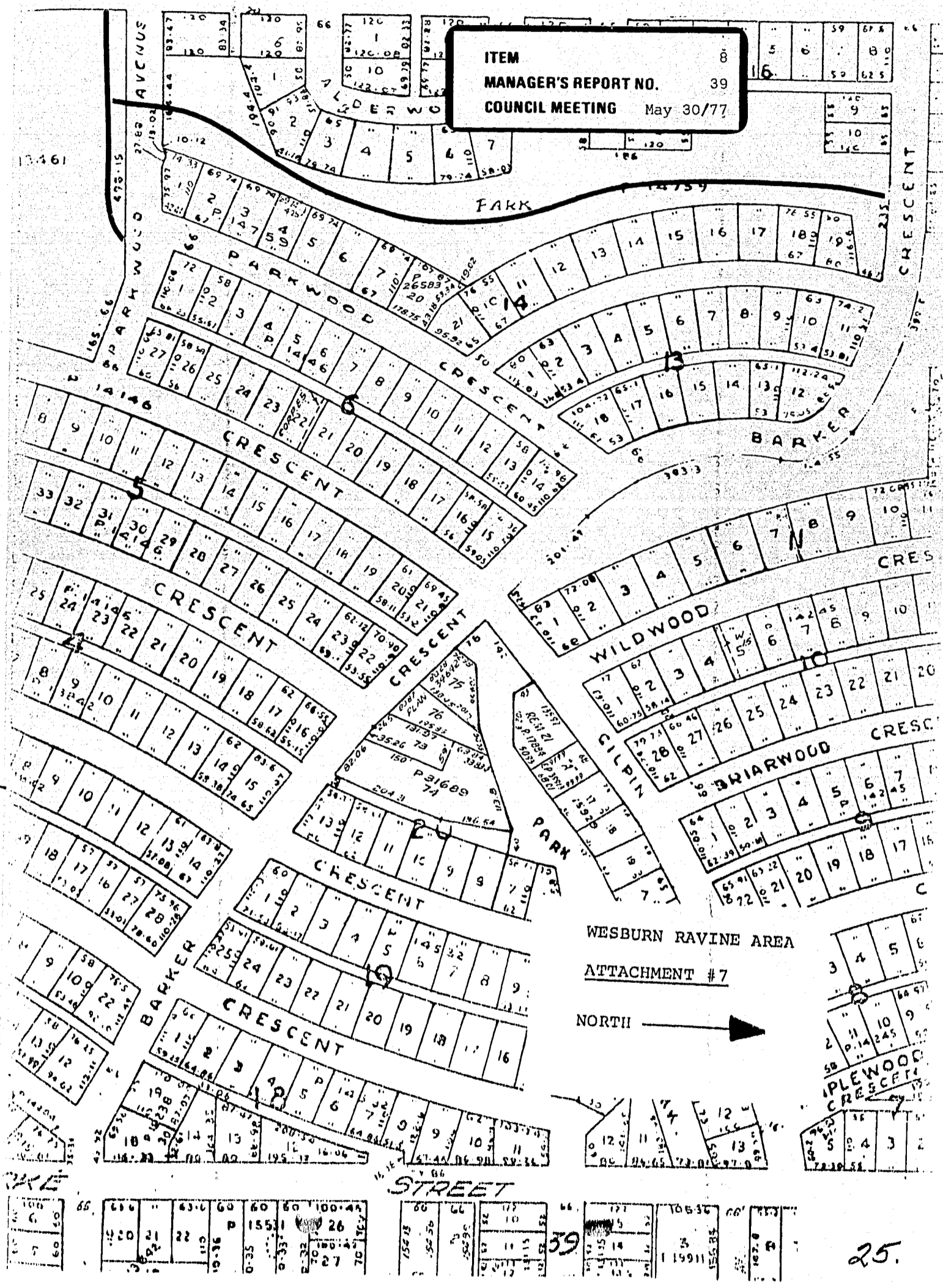
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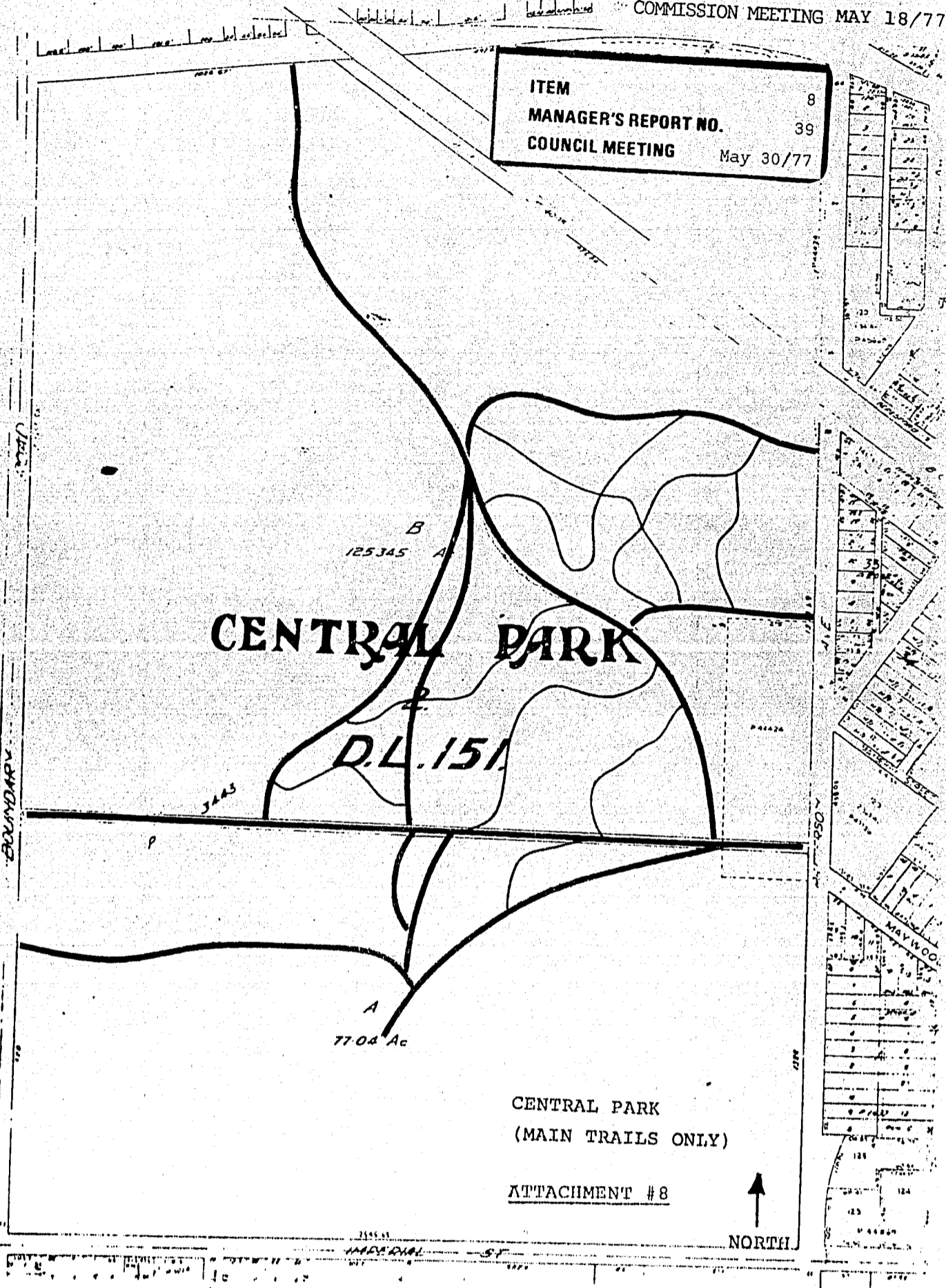
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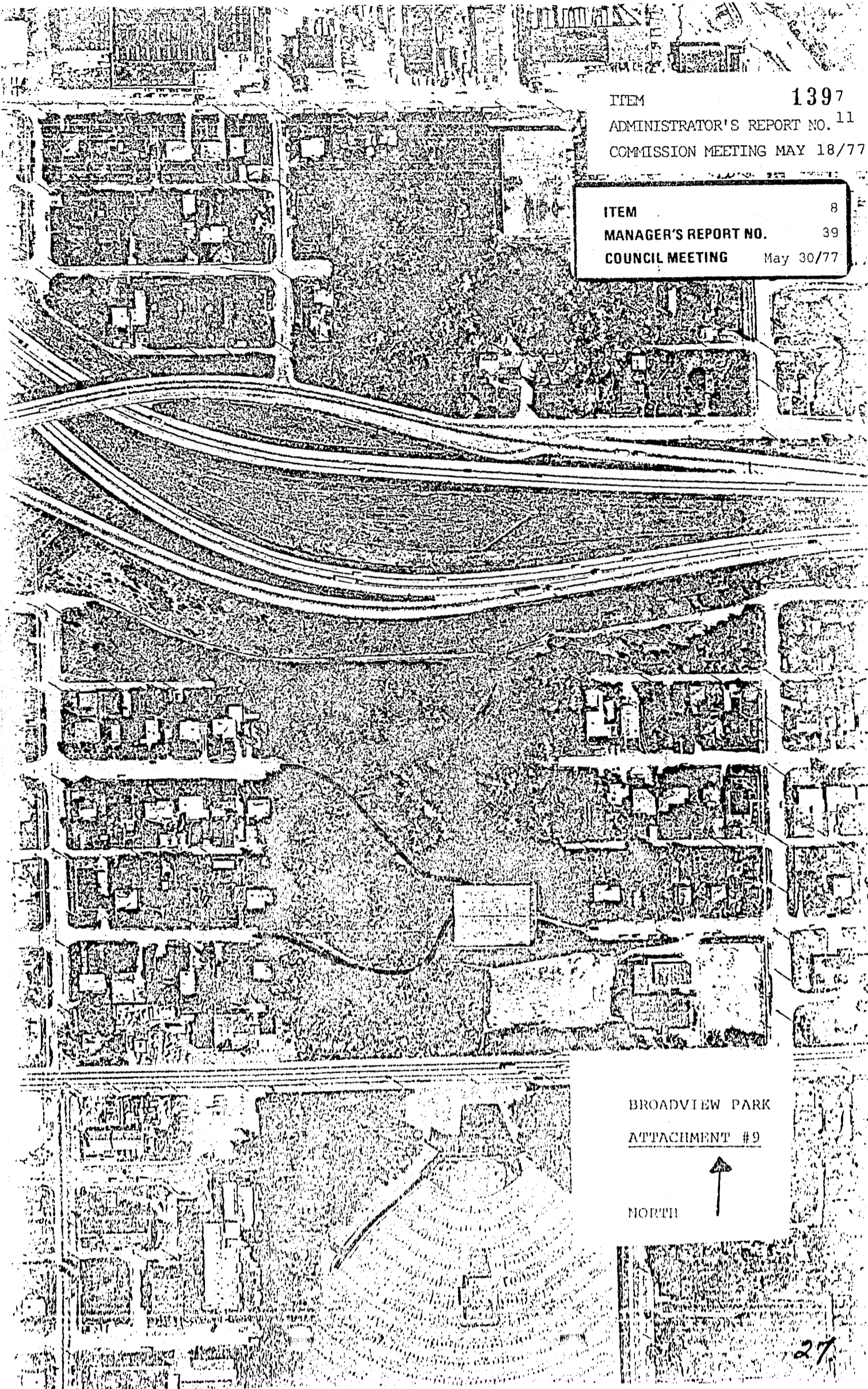


CENTRAL PARK
(MAIN TRAILS ONLY)

ATTACHMENT #8



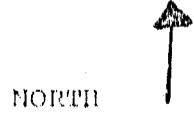
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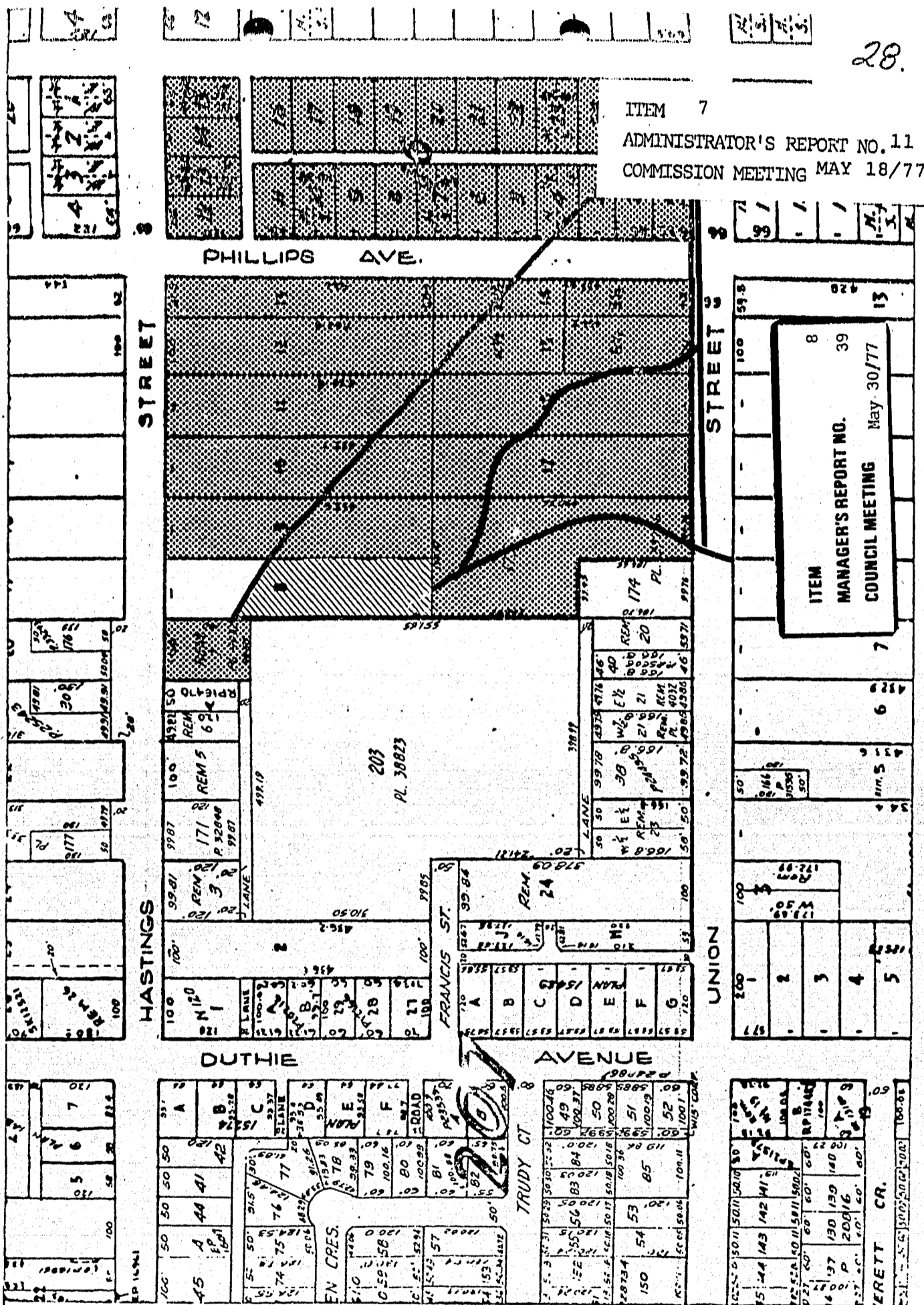
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BROADVIEW PARK
ATTACHMENT #9



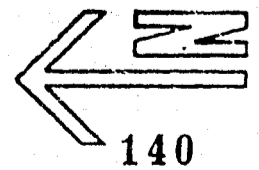
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DUTHIE-UNION PARK-SCHOOL

-  Proposed Acquisition
-  Existing Park and/or Municipal Property
-  Proposed Park Area

ATTACHMENT #10



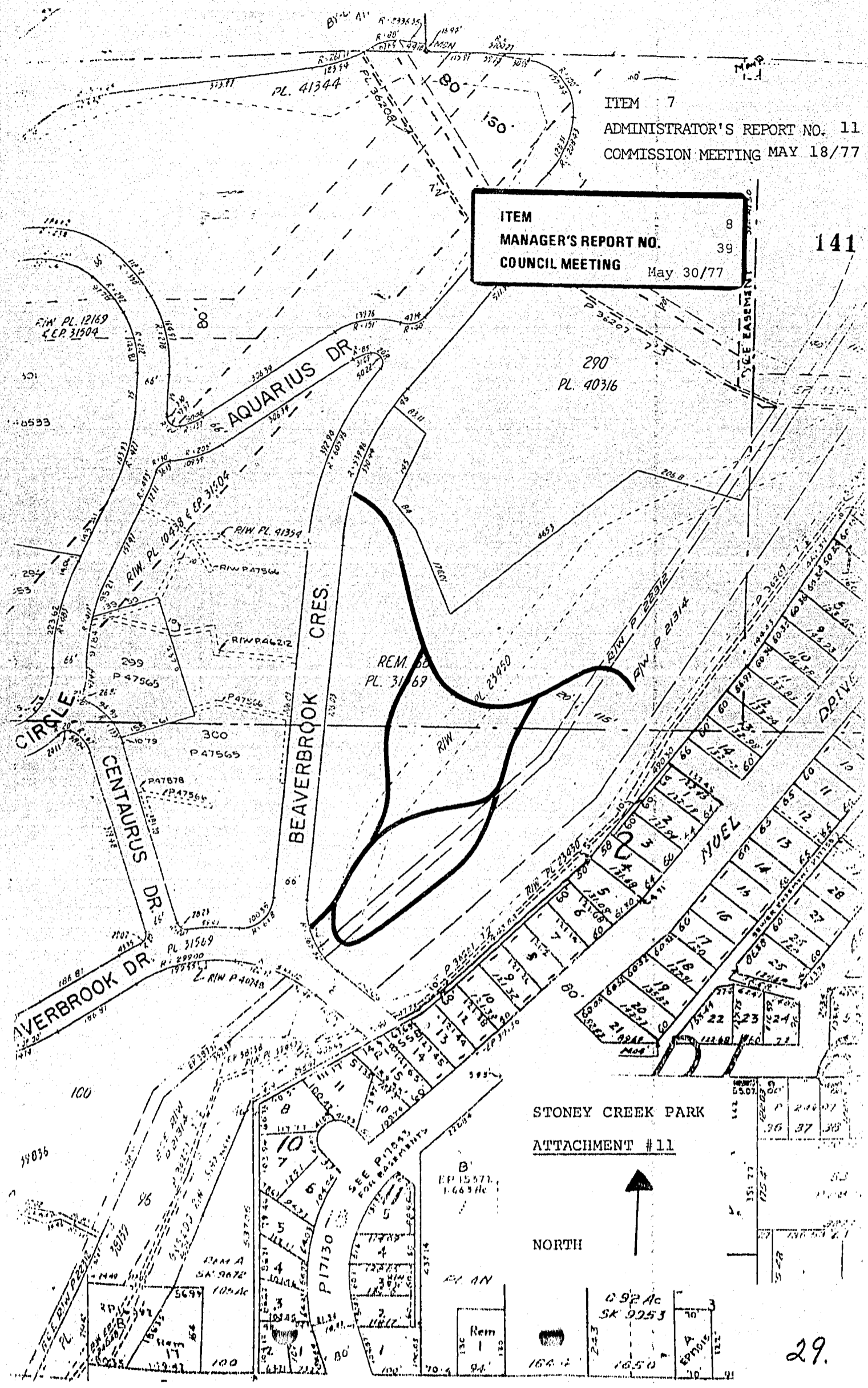
March, 1972.

Scale: 1" = 200'

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