

4. Re: Letter - Mr. R. Walters, 4035 Lister Court
Drainage Problem on Properties between Lister Court
and Fir Street

Appearing on the Agenda for the April 10, 1972 Council Meeting is a letter from Mr. R. Walters dated March 28, 1972, concerning a drainage problem involving several properties located between Lister Court and Fir Street.

The Municipal Engineer investigated the matter and reports as follows:

"The attached sketch No. L-1040 graphically shows the existing drainage problem related to 4018 and 4036 Fir Street and 4035, 4045 and 4055 Lister Court. The problem arises from a natural saucer area in the rear yards of the concerned properties, and is not contributed to in any way by the Municipality by way of putting water into the area from any street or easement. The water accumulating in the saucer is runoff from the properties in question, and all properties have storm sewer connections available to either Fir Street or Lister Court.

A visit to the site shows water actually lying in the cross-hatched area on the rear of 4018 and 4036 Fir Street, and the remainder of the saucer, as outlined on the sketch, although very poorly drained, did not have water lying on the surface.

It is my opinion that there are two things could be done in connection with this problem, as follows:

1. Acquire an easement over the westerly 5' of 4035 Lister Court as shown on the sketch and construct a catch basin in the area where the water is lying and construct a lead from the catch basin to the storm sewer on Lister Court.
2. As the problem is strictly local in nature, it could be resolved by the property owners getting together and placing fill in the low part of the subject properties so that the fall of land would be continuous toward Lister Court and eliminate the existing saucer area which will not drain until it fills up and overflows over the surface to Lister Court.

We do not recommend alternative #1 as it is estimated that it would cost \$2,000, and although it would drain the water lying at the rear of 4018 and 4036 Fir Street, it would not resolve the serious drainage problem that exists in the rear yards at 4035 and 4045 and 4055 Lister Court. The construction of the catch basin and lead at an estimated cost of \$2,000 by the Municipality would, in my opinion, be only a half measure and the complete resolution of the problem would still require filling in the saucer area.

As the drainage problem originates in and affects only the rear yards of a few abutting properties, all of which have storm connections available, and as the \$2,000 expenditure for catch basin and lead would not completely resolve the problem, it is our recommendation that the owners be advised that the resolution of their problem would be a joint effort at filling in the rear

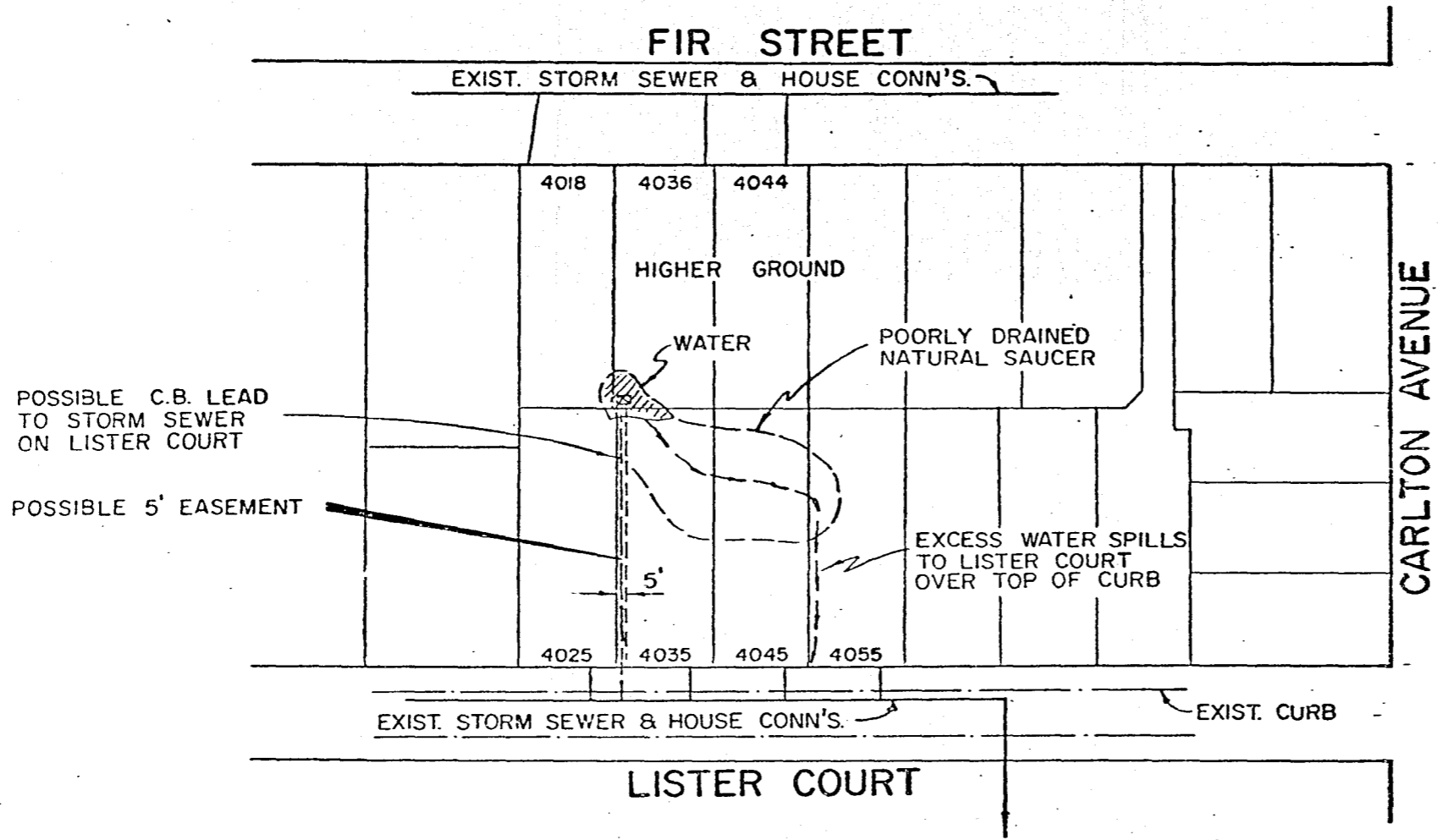
4. Re: Letter - Mr. R. Walters (cont'd)

of all the properties concerned in order to achieve a uniform slope across the rear yards from Fir Street to Lister Court. If this is done and normal landscaping and grassing accomplished in the rear of the Lister Court properties, it will eliminate the problem that now exists where water lies in the poorly drained saucer area. "

The Planning Director concurs with the assessment and recommendation that has been made by the Engineer.

RECOMMENDATION:

THAT acceptable drainage of the properties be achieved through the collective efforts of the affected owners who should fill the land as required to obtain a uniform slope across the rear yards from Fir Street to Lister Court; and
THAT a copy of this report be sent to Mr. R. Walters.



D.L. 35

ITEM 4
 MANAGER'S REPORT NO. 25
 COUNCIL MEETING Apr. 10/72

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DRAINAGE PROBLEM
 WEST OF CARLTON AVE.
 BETWEEN FIR ST. & LISTER CRT.

CORPORATION OF THE DISTRICT OF BURNABY
 ENGINEERING DEPARTMENT
 DESIGN DIVISION

DESIGNED BY _____	SCALE 1" = 100"
DRAWN BY G. PHILLIPS	DATE MAR 27/72
CHECKED BY <i>[Signature]</i>	DRWS NO. 1040
APPRVD BY <i>[Signature]</i>	

NO.	DATE	REVISION