

ITEM 5

MANAGER'S REPORT NO. 96

COUNCIL MEETING Dec. 27/73

5. Re: Preservation of a Natural Watercourse in Subdivision
Reference #70/72, Lots "A" and "D", D.L. 85, Plan 18317
(Item 24, Report No. 92, December 10, 1973)

Council on December 10, 1973 deferred Item 24, Report No. 92, regarding preservation of a natural watercourse in Subdivision Reference #70/72 pending further information on the lining that has been proposed.

The Engineer advises that the subject watercourse is to be lined so as to allow for its relocation as shown on sketch "A" which is attached. Relocation of the watercourse will permit development on newly created Lot 4 and will prevent erosion and flooding on adjacent private properties. Also attached is a sketch that shows that cross-sectional shape of the channel lining (sketch "B").

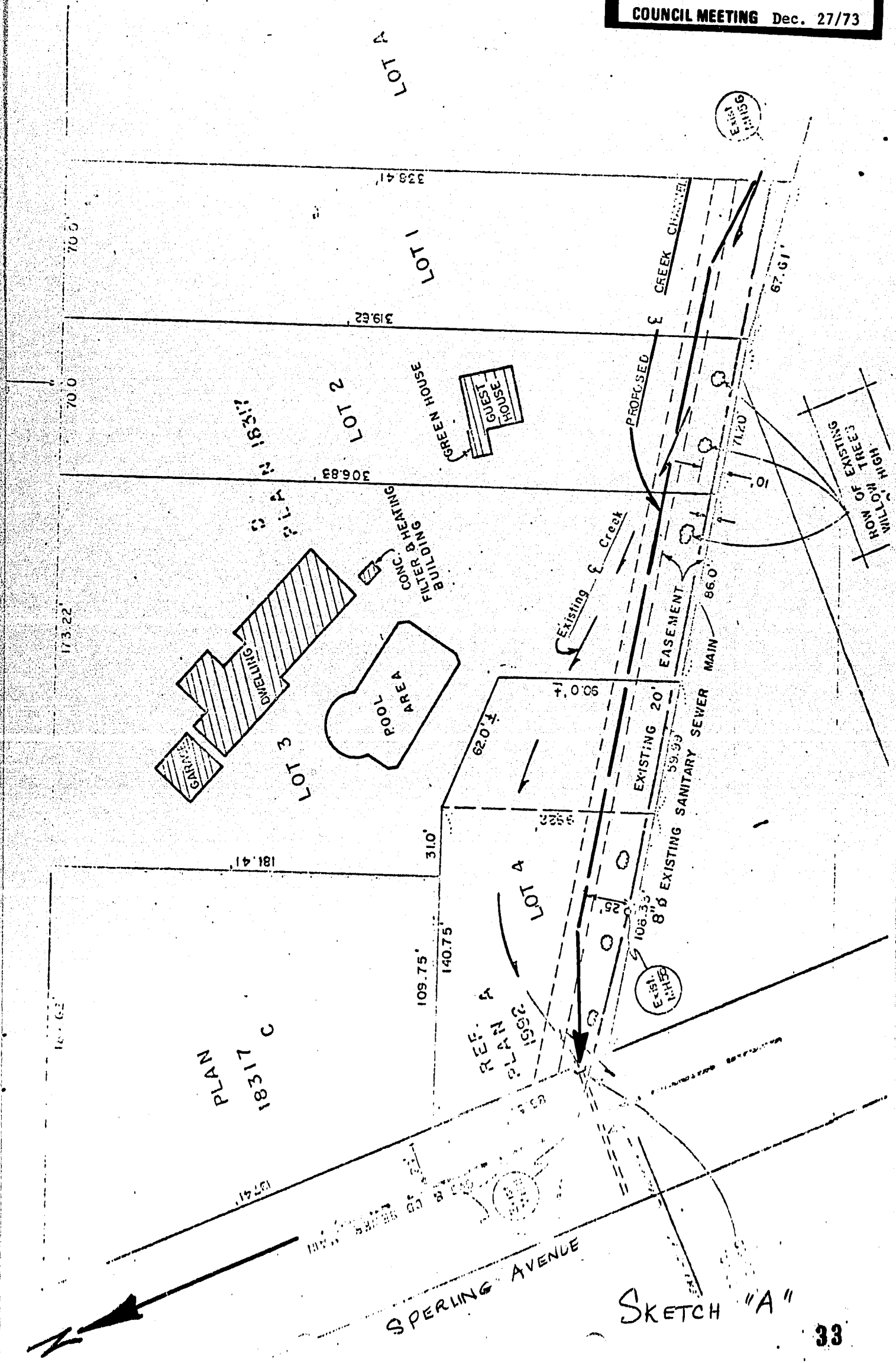
The standard that the Engineer recommends for watercourses that are to be lined (see Item 4 on page 30), is of a slightly higher quality than the standard proposed for Subdivision Reference #70/72. However, the plan for the proposed standard that is shown on sketch "B" has been in the process of preparation for some time, and for this reason, should in the opinion of staff be applied for the lining of the watercourse in Subdivision Reference #70/72.

RECOMMENDATIONS:

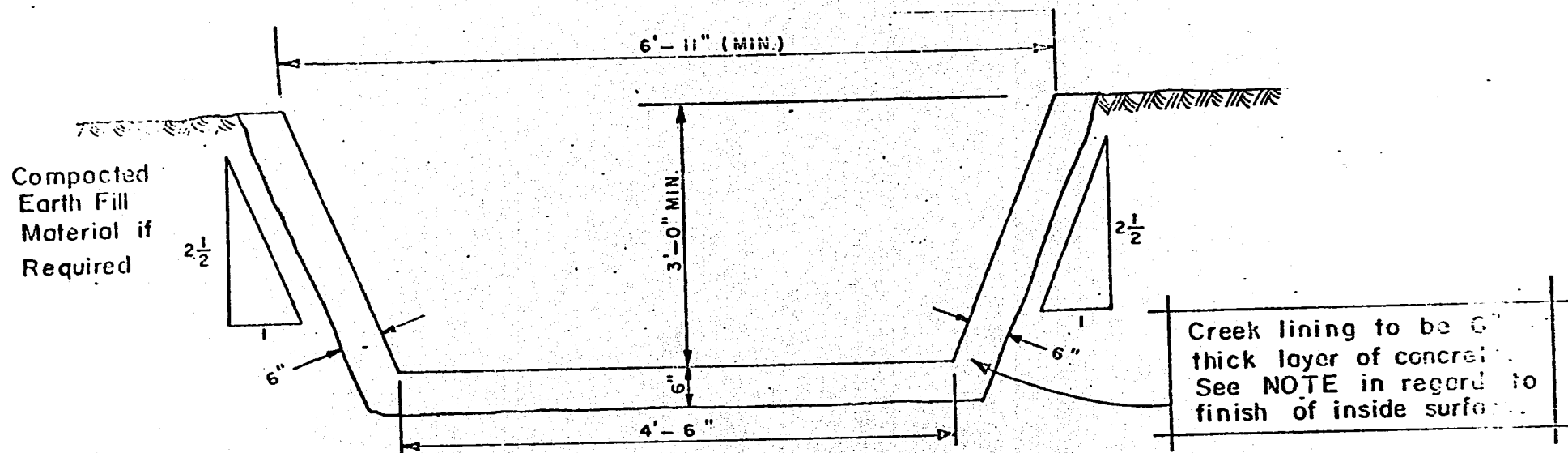
THAT Council endorse the position of the Approving Officer in requiring the improvement and lining of the watercourse as shown on sketch #3, of Item 24, Report No. 92, December 10, 1973, maintaining it in an open condition; and

THAT Council approve the standard of lining that is shown on sketch "B" of this report for the watercourse in Subdivision Reference #70/72.

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SKETCH "A"



TYPICAL CREEK CROSS-SECTION

N.T.S.

- (8) **CREEK LINING** — Concrete is to be "zero slump" to facilitate construction of sidewalls without use of formwork. Surface of channel is to have an "exposed aggregate finish."

Corporation of Burnaby
ENGINEERING DEPARTMENT
 APPROVED *[Signature]*
 Dec 7/73
 Municipal Engineer

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SKETCH "B"