

ITEM	13
MANAGER'S REPORT NO.	45
COUNCIL MEETING	1979 06 25

Re: REZONING REFERENCE #22/77
 9784/9848 LOUGHEED HIGHWAY AND 9686 GOVERNMENT STREET
 APARTMENT DEVELOPMENT ADJACENT VILLAGE DEL PONTE
 DRAINAGE FROM THE PROPOSED DEVELOPMENT
 (Item 14, Report No. 34, 1979 April 30)

Following is a report from the Municipal Engineer regarding the above as requested by Council at its meeting of 1979 April 30.

RECOMMENDATION:

1. THAT the report of the Municipal Engineer be received for information purposes.

* * * * *

TO: MUNICIPAL MANAGER 79 06 20
 FROM: MUNICIPAL ENGINEER
 SUBJECT: REZONING REFERENCE #22/77
 9784/9848 LOUGHEED HIGHWAY AND 9686 GOVERNMENT STREET

RECOMMENDATION:

1. THAT this report be received for information purposes.

REPORT

Municipal Council, on 79 04 09, requested comments on any drainage problems which would be created by the proposed development, including the adequacy of the culvert beneath Highway 1. Investigation reveals that the watercourse winds through the Village delPonte site in an east/west direction, traverses the south boundary of the subject site, and then flows to a 60" ϕ Department of Highways culvert crossing under Highway 1. There is no indication nor is there reason to believe that the culvert is inadequate in size.

The calculated additional drainage from the proposed development is approximately 5 C.F.S. or 4% of the capacity of the 60" ϕ culvert, even without surcharging. The drainage from the subject site would be discharged to the watercourse at a point downstream of Village del Ponte. To put the matter into perspective, if the 60" ϕ culvert were to become blocked, the resulting flooding would overtop Highway 1 before the Village del Ponte site could be affected. Therefore, any concerns that drainage problems may result from the creation of the proposed development are unfounded.

This is for the information of Council.

E. E. Owen
 MUNICIPAL ENGINEER

VNW/HY/SQ/ch