DRAINAGE CONCEPT

LEGEND

FAIRFIELD ADDITION
(Drainage)

May 23, 1985

Mr. R. W. Linn
Professional Engineering Consultants
1440 East English
Wichita, Kansas 67211

Dear Mr. Linn:

The drainage concept for Fairfield Addition is approved as submitted with the clarifications discussed with Mr. Mike Berry by telephone this date.

Approval of a final drainage plan will be contingent upon submittal of drainage calculations showing no increase in the rate of runoff to the West Branch of Chisholm Creek and through the Wichita Country Club.

If you have any questions, please feel free to contact me at 268-4235.

Yours truly,

Chris J. Breitenstein, P.E.
Civil Engineer III

CJB:gr

cc: Mike Lindebak, City Engineer

MEMO

TO: Mike Lindebak, P.E.
City Engineer
7th. Floor - City Hall
455 N. Main
Wichita, Kansas 67202

ATTN: Attn: Chris Breitenstein, P.E.

PROJECT# NO. 36-84610-1540

PROJECT: Fairfield C.U.P.

DATE: 5/20/85

FROM: Mike Berry

REFERENCE: Drainage Concept

COPIES TO:
Wm. E. Morin

PLEASE ADVISE IMMEDIATELY OF ANY MISCONCEPTIONS OR OMISSIONS YOU BELIEVE TO BE CONTAINED HEREIN.

Attached is a copy of the Drainage Concept for the proposed Fairfield C.U.P.

The concept provides for detention basins at two locations. Approximately 2/3 of the property will drain to the southwest corner into a detention basin which will provide for the difference between pre and post development runoff. The small detention basin located adjacent to Rock Road and on the north side of Fairfield Street will provide for detention of the runoff volume which exceeds the capacity of the existing box culvert structure under Rock Road.

A major drainage problem exists at the south line of the property. Approximately 1300' west of Rock Road. [illegible] area of the property currently drains to the south through developed residential lots. The proposed drainage improvements will eliminate this drainage problem by diverting runoff west into the proposed detention basin.

We are considering an option or alternate concept which may be utilized in the Drainage Plan. This alternate will revise street grades and routing of the 100 year runoff at the intersection of Broadmoor and Fairfield.

We will appreciate your review and approval of the Drainage Concept in sufficient time to meet the schedule for the C.U.P. We plan to meet with adjacent home owners associations the week of June 10. The C.U.P. will be scheduled on the June 25 Agenda of CPO Council I and the June 27 Agenda of the Metropolitan Area Planning Commission.