HYDROLOGY L10/D1 1 PLAN

L10/D1

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1 Plan

REC'D. C.E.
CME 5/19/81

MSM CONSULTANTS, INC.

Engineering • Energy Management/
Surveying • Planning

2601 WYOMING BLVD., N.E., SUITE F • ALBUQUERQUE, NEW MEXICO 87112 • (505) 292-1936

Water Res. File

May 19, 1981

L10-D1

C.M. Easterling
Principal Assistant City Engineer/Hydrology
City of Albuquerque
P. O. Box 1293
Albuquerque, New Mexico 87103

Re: Revised grading and drainage plan for I.V. Village West C-29-287

Dear Chuck;

Attached herewith are 3 sets of the revised grading and drainage plan for I.V. Village West. As you are aware the City has removed the requirements for on-site ponding due to the acquistion of a three acre parcel downstreams of this project (Carlos Rey Addition). The revised drainage concept incorporates rear yard ponding to retain the rear yard runoff only, all other runoff is directed toward Ivy Place.

Also attached are the calculations for the sizing of the rear yard ponds. I have included a sketch showing the ponding for each of the four models which are to be constructed.

If you have any further questions, please feel free to contact me at 292-1936.

Sincerely,

MSM CONSULTANTS, INC.

Jim Leymon

Jim Leymon
Project Engineer

JL:de

Attachments

FEDERAL EMERGENCY MANAGEMENT AGENCY
Washington, D.C. 20472

IN REPLY REFER TO:
IFE (218)
FLO-1

SEP 5 1980

Letter of May AMENDM
Flood Hazard info file
Copy Villy West file

Mr. Bruno Conegliano
Assistant City Engineer - Hydrology
P.O. Box 1293
Albuquerque, NM 87103

Dear Mr. Conegliano:

This is in response to your letter of July 24, 1980, requesting that the Federal Insurance Administrator determine whether proposed Amended IV Village West, being Tract 154, Unit No. 6, Town of Atrisco Grant, Albuquerque, New Mexico, as recorded in Volume D909, Folio 965, in the Office of the Recorder, Bernalillo County, New Mexico, is located within the Special Flood Hazard Area.

We have reviewed the Flood Hazard Boundary Map in light of the additional flood data you furnished and have determined that the above mentioned property would be partially inundated by a flood having a one-percent chance of occurrence in any given year (base flood). A final determination as to whether the proposed structures for this property would be located in the Special Flood Hazard Area cannot be made at this time. However, a final determination will be made upon receiving certified "as-built" information showing the locations of the structures, the elevations of the lowest finished grades adjacent to the structures and the elevations of the lowest floor, including basement. If it is determined that the structures are not located within the Special Flood Hazard Area, then flood insurance will not be required.

Based on the data supplied by you, the structures would not be located within the Special Flood Hazard Area if construction is completed as proposed on the Grading Plan, Sheet 3 of 8; and the Drainage Plan, Sheet 4 of 8, for IV Village West by Meurer, Serafini and Meurer, Inc., designed July, 1980. The final determination will be based on this data unless future additional flood data becomes available indicating otherwise. However, no new information is anticipated to be generated in the near future for the City of Albuquerque, New Mexico.

The above stated results of your request for exemption from the Federal requirement for the purchase of flood insurance are based on minimum criteria established by FIA for flood plain management regulations and are intended only to reflect your status in relation to the Federal requirement for the purchase of insurance. Community officials, based on knowledge of local conditions and in the interest of human safety, may set higher standards for construction in the flood plain

than the minimum criteria established by FIA. If the State of New Mexico or the City of Albuquerque has adopted more restrictive and comprehensive flood plain management criteria, these criteria are encouraged and take precedence over the minimum federal criteria for the purpose of regulating development in the flood plain. This policy is set forth in Section 60.1(d) of the National Flood Insurance Program regulations.

If you have any questions or if we can be of further assistance, please contact the Program Implementation & Engineering Office at (202) 755-6570 or toll free at (800) 424-8872.

Sincerely,

Gloria M. Jimenez

Gloria M. Jimenez
Federal Insurance Administrator

cc: Mr. Carl A. Tebbens, P.E.

MEURER, SERAFINI AND MEURER, INC.

CONSULTING ENGINEERS • SURVEYORS • PLANNERS

2601 WYOMING BLVD., N.E., SUITE F • ALBUQUERQUE, NEW MEXICO 87112 • (505) 292-1936

Letter Received
copy in file

July 21, 1980

L10-D1

RECEIVED

JUL 22 1980

CITY ENGINEER

Bruno Conegliano
MDD/Engr.
City of Albuquerque
P. O. Box 1293
Albuquerque, New Mexico 87103

Re: IV Village Flood Hazard Boundary

Dear Bruno:

In accordance with FIA procedures I am certifying that to the best of my knowledge the type of structures to be built on the above referenced project are slab on grade townhouses to be constructed at elevations shown on the site grade plan. The lowest finished floor elevations will be about 4 inches above the pad grades shown. The elevations of the finished grade at or adjacent to the structures are the pad elevations as shown.

Sincerely,

MEURER, SERAFINI AND MEURER, INC.

Carl A. Tebbens

Carl A. Tebbens, P.E.
Vice President

CAT:cde

MEURER, SERAFINI AND MEURER, INC.

CONSULTING ENGINEERS • SURVEYORS • PLANNERS

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L10-D1

July 21, 1980

Mr. Bruno Conegliano
MDD/Engr.
City of Albuquerque
P. O. Box 1293
Albuquerque, New Mexico 87103

Re: I V Village Flood Plain Release

Dear Bruno:

Pursuant to our conversation regarding the above project I am requesting a release of the IV Village development from the FHBM Flood Plain. I am also requesting that you follow up this request with the appropriate personnel with FIA. It is my understanding that a release from the Flood Hazard Boundary can be obtained within approximately 30 days of the date you request it.

The following documents should provide the necessary information for the release of the IV Village from the FHB:

1. 1 copy of the preliminary plat
2. 1 copy of the drainage plan
3. 1 copy of the drainage report
4. 1 copy of the site grading plan
5. 1 copy of a portion of page 4 of 9 of the FHBM, Albuquerque, New Mexico, December 4, 1979 map showing the location of this project.
6. A certified letter by a registered engineer
7. 1 copy of a zone atlas page number L-10 & L-11 showing a location of development.

In addition it is my understanding that the Ladera Sewer Drainage Diversion and Detention Facility may help in removing this project from the Flood Hazard Area.

Please process this release through the FIA at your earliest convenience, since the owner is anxious to begin construction in August, 1980.

MEURER, SERAFINI, AND MEURER, INC.

If you have any questions or comments, please contact me at (505) 292-1936.

Sincerely,

MEURER, SERAFINI AND MEURER, INC.

Carl A. Tebbens

Carl A. Tebbens, P.E.
Vice President

CAT:cde

Enclosures