HYDROLOGY H14/D43 NO PLANS

H14/D43

No Plans

City of Albuquerque
P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

DESIGN HYDROLOGY SECTION
123 Central NW, Albuquerque, NM 87102
(505) 766-7644

June 5, 1985

Mr. Walter Hines
Weiss-Hines Engn., Inc.
1100 Alvarado NE, Suite B
Albuquerque, NM 87110

RE: SITE PLAN FOR FIRE STATION ADDITION (H14/D43) RECEIVED JUNE 3, 1985

Dear Mr. Hines:

The above referenced plan is approved for building permit sign-off by Hydrology. Due to the reasons listed in Mr. Hines letter dated May 31, and a field inspection, a drainage plan will not be required.

Please attach a copy of this approved site plan to both construction sets prior to Hydrology sign-off.

If you should have any questions, please contact this office at 766-7644.

Sincerely,

Billy J. Goolsby
for Carlos A. Montoya
City/County Flood Plain Admin.

CAM/cl

WEISS-HINES ENGINEERING, INC.

May 31, 1985

H14/D43

Mr. Fred Aguirre, P.E.
City Hydrology Section
123 Central Avenue N.W.
Albuquerque, New Mexico 87103

Re: Drainage Plan Variance Request for Building Addition to Fire Station at 3rd and McKnight N.W.

Dear Fred:

On behalf of our client, Mr. Ray Trujillo, Architect, we are requesting that the proposed building addition be exempted from the City requirements for drainage/grading submittals.

The addition will cover 1,233 sq. ft. of gravelled area presently used for landscaping and parking. No significant changes in drainage characteristics will be caused by the addition. All water will continue to drain to 3rd St. or to McKnight Ave. via surface flow. Based on the Rational Formula, the total increase in 100-year peak Q will be only 0.02-0.03 cfs (30-45 cu. ft., 100-year increase in volume)

The attached FEMA Map No. 22 shows that there is a 100-year floodway in the I-40 area between 2nd and 4th streets. However, it is confined to roadways. Also, the area is served by storm sewers so the ponded areas shown on the FEMA map represent only a short-term condition. Thus, even though the fire station is located adjacent to a 100-year flood zone, the proposed addition should have no measurable effect on flood depths or hazards in the area.

We have enclosed a site plan, zone map, and flood map for your reference. If you have specific questions about the addition, please contact Mr. Trujillo at 345-1440. We would be happy to answer any questions related to drainage.

Yours truly,

Walter G. Hines

Walter G. Hines, P.E.
Vice President
Weiss-Hines Engineering

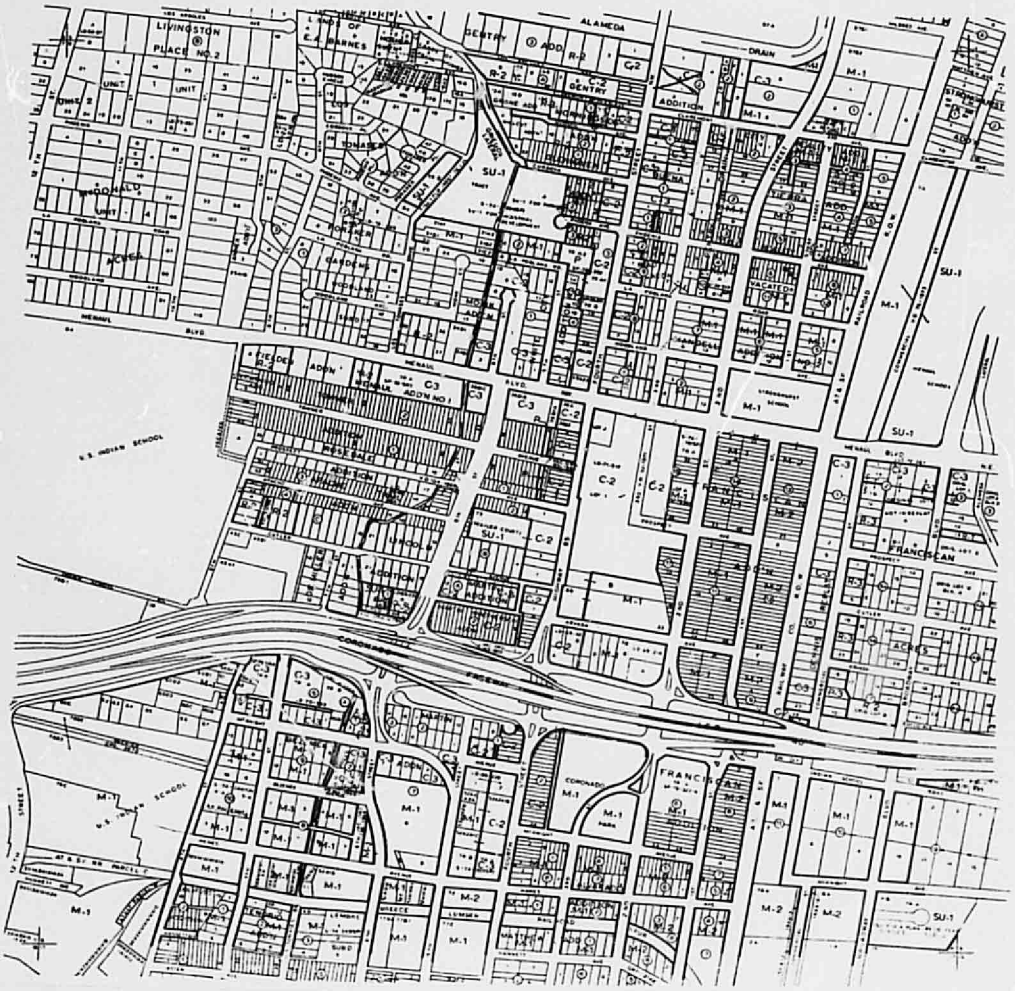
RECEIVED
JUN 03 1985
HYDROLOGY SECTION

CIVIL ENGINEERING / HYDROLOGY / ENVIRONMENTAL DESIGN
1100 ALVARADO N.E. SUITE B ALBUQUERQUE, NEW MEXICO 87110 (505) 266-3444

REFERENCE MARK	ELEVATION (FT. NGVD)	DESCRIPTION OF LOCATION
curb at the south- tion of Candelaria hwest quadrant of	RM 38 4969.58	A square, ☑ , chiseled on top of the concrete curb at the west-northwest curb return, located at the intersection of 4th Street and San Clemente Avenue, NW, in the northwest quadrant on the intersection.
curb at the north- ion of Rio Grande st quadrant of the	RM 39 4965.49	A square, ☑ , chiseled on top of the concrete curb at the south-southeast curb return, located at the intersection of 4th Street and Menaul Blvd., NW, in the southeast quadrant of the intersection.

FEMA 22

RECEIVED
JUN 03 1985
HYDROLOGY SECTION



RECEIVED
JUN 03 1985
HYDROLOGY SECTION

H-14-Z

Trujillo

remove logs & branches along alley
Pre-cast conc. bumpers
slope fill to exist. grade
Redwood curb
Exist. tree
conc. drive
drain
Exist. trees to be removed
Standard drive pad as per city specs.
Integral curb
New 6'-0" conc. walk
Alternate No 1 consists of asphalt paving north of this line to conc. drive pad on 3rd St.
Fill in this area to be uniformly graded from building & drive to sidewalk
Finish Floor Elevation
4961.00
Fill, unless otherwise noted, to meet grades shown & shall be sloped from finish to exist. grade @ 1/8" per ft.
Service pole, verify exact location w/ power company
Underground secondary service. See riser diagram for size & details
2" underground conduit for telephone service
New addition
Uniform slope to gutter
6" conc. drive
flagpole
6'-0" conc. walk [new]
ALLEY
3rd STREET
APPROVED FOR ISSUANCE
6-6-85
TITLE
ADVISE DRAINAGE INSPECTOR WHEN GRADING EXECUTED
Z-
McNight
RECEIVED
JUN 03 1985
HYDROLOGY SECTION

Pre-Design Investigation
(Additions)

DATE 6-4-85

ADDRESS 3RD & McKNIGHT ZONE ATLAS # H14

LEGAL DESCRIPTION

OWNER

ARCHITECT/ENGINEER

LOT SIZE

ZONING

PROPOSED DEVELOPMENT

	YES	NO	NA	COMMENTS
FLOOD HAZARD AREA	✓ AO-1			
PART OF AN APPROVED REPORT				
CONSTRUCTION PLANS ON MICRO-FILM				
FIELD INSPECTION	✓			

COMMENTS:

DRAINAGE REQUIREMENTS: