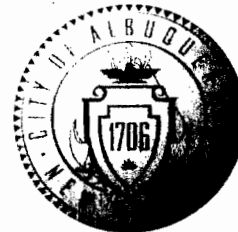


# CITY OF ALBUQUERQUE



December 24, 2008

Martin J. Garcia, P.E.

**ABQ Engineering**

6739 Academy Blvd NE, Suite 130

Albuquerque, NM 87109

**Re: Bank of Albuquerque, 6530 Paradise Blvd NW  
Permanent Certificate of Occupancy (C.O.) Approval  
Engineer's Stamp dated 06/25/08 (B-10/D008B)  
Certification dated 12-24-08**

Mr. Garcia,

PO Box 1293

Based upon the information provided in your submittal received 12-24-08, the above referenced Certification is approved for release of Permanent Certificate of Occupancy by Hydrology.

Albuquerque

If you have any questions, you can contact me at 924-3695.

Sincerely,

NM 87103

Curtis A. Cherne, P.E.

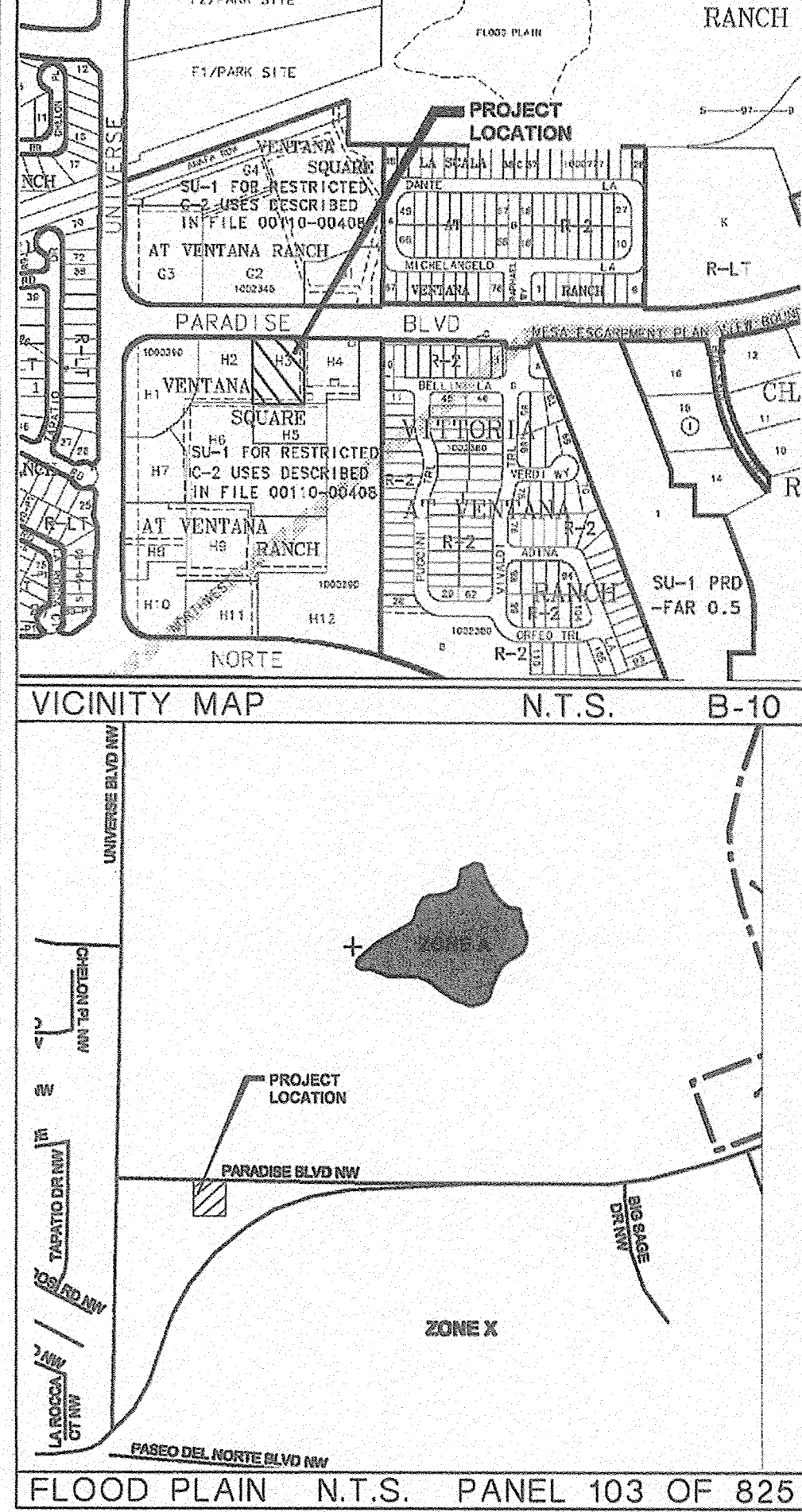
Senior Engineer—Hydrology,

Development and Building Services

[www.cabq.gov](http://www.cabq.gov)

C: file  
Katrina Sigala, CO Clerk





Drainage Calculations

Hydrology Calculations  
DPM - Section 22.2  
Volume 2, January 1993

Precipitation Zone 1  
100 Year Storm Depth, P (360) 2.2

Treatment Area	A	B	C	D
Excess Precipitation Factors	0.44	0.67	0.99	1.97
Peak Discharge Factors	1.29	2.03	2.87	4.37

Land Treatment Area	Acres	Existing	Proposed
Type "D" (Roof)		0	0.10
Type "C" (Unpaved Roadway)		0	0.60
Type "B" (Irrigated Lawns)		0	0.18
Type "A" (Undeveloped)		0.87	0.00

Total (Acres) 0.87 0.87

Excess Precipitation(in) 0.44 1.03

Volume (100), cf 1389.56 3272.26  
Volume (10),cf 931.01 2192.41  
Q (100), cfs 1.12 2.50  
Q (10), cfs 0.75 1.67

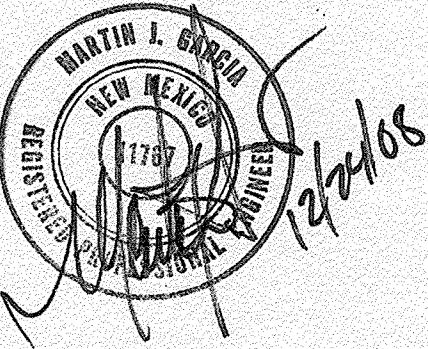
Drainage Narrative

THE SITE FOR THE PROPOSED BANK OF ALBUQUERQUE VENTANA RANCH IS LOCATED NEAR THE INTERSECTION OF PARADISE BOULEVARD AND UNIVERSE BLVD IN THE NORTHWEST AREA OF ALBUQUERQUE. THE SITE IS LOCATED IMMEDIATELY EAST OF THE EXISTING LOTA BURGER SITE AND IS ADJACENT TO PARADISE BOULEVARD. THE SITE HAS BEEN MASS GRADED AND CURRENTLY SLOPES FROM SOUTHWEST TO NORTHEAST. THE MASTER DRAINAGE PLAN FOR THE DEVELOPMENT PROVIDED FOR THE INSTALLATION OF AN AREA DRAIN AT THE NORTHWEST CORNER OF THE PARCEL, WHICH WOULD DO TWO THINGS, FIRST CREATE A WATER HARVESTING AREA FOR LANDSCAPING ADJACENT TO PARADISE, AND SECOND ALLOW A CONTROLLED RELEASE OF THE STORM DRAINAGE RUNOFF FROM THE SITE. THE STORM DRAIN THAT THE AREA INLET WAS INTENDED TO CONNECT INTO WAS NOT CONSTRUCTED, THUS WE ARE PROPOSING TO PROVIDE SOME MINOR DEPRESSIONS IN THE LANDSCAPED AREAS, BUT THE DEVELOPED FLOWS WILL FREE DISCHARGE ONTO THE ACCESS EASEMENT TO THE EAST, THEN ONTO PARADISE BOULEVARD WHERE THEY WILL FLOW INTO THE CITY OF ALBUQUERQUE STORM DRAIN SYSTEM. THE PROPERTY IS NOT WITHIN A 100 YEAR FLOOD PLAIN AND DOES NOT ACCEPT OFF-SITE FLOWS.

Certification

I, MARTIN J. GARCIA, NMPE 11767, OF THE FIRM ABQ ENGINEERING, INC., HEREBY CERTIFY THAT THIS PROJECT HAS BEEN GRADED AND WILL DRAIN IN SUBSTANTIAL COMPLIANCE WITH AND IN ACCORDANCE WITH THE DESIGN INTENT OF THE APPROVED PLAN DATED JUNE 25 2008. THE RECORD INFORMATION EDITED ONTO THE ORIGINAL DESIGN DOCUMENT HAS BEEN OBTAINED BY WILL PLOTNER JR. NMPS 14271; I FURTHER CERTIFY THAT I HAVE PERSONALLY VISITED THE PROJECT SITE ON DECEMBER 23, 2008 AND HAVE DETERMINED BY VISUAL INSPECTION THAT THE SURVEY DATA PROVIDED IS REPRESENTATIVE HAVE ACTUAL SITE CONDITIONS AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. THIS CERTIFICATION IS SUBMITTED IN SUPPORT OF A REQUEST FOR CERTIFICATION OF OCCUPANCY.

THE RECORDED INFORMATION PRESENTED HERE ON IS NOT NECESSARILY COMPLETE AND INTENDED ONLY TO VERIFY SUBSTANTIAL COMPLIANCE OF THE GRADING AND DRAINAGE ASPECTS OF THIS PROJECT. THOSE RELYING ON THE RECORD DOCUMENT ARE ADVISED TO OBTAIN INDEPENDENT VERIFICATION OF ITS ACCURACY BEFORE USING IT FOR ANY OTHER PURPOSE.



Benchmark

PROJECT BENCHMARK  
ALBUQUERQUE SURVEY CONTROL 3 1/4"  
ALUMINUM DISC STAMPED "5-BP 2003"

NORTHING 1524476.923  
EASTING 1497669.370  
ELEV = 5432.303 NAVD 1988.

LOCAL BENCHMARK  
SOUTHWEST CORNER OF PROPERTY  
AN EXISTING MANHOLE RIM.

ELEV = 5425.06

Legal Description

TRACT H-3 PLAT OF TRACTS H-1 THRU H-11  
VENTANA SQUARE AT VENTANA RANCH A  
REPLAT OF TRACT H-A VENTANA RANCH CONT  
.8791 AC

UPC

1010-065-058-107-306-07

Engineer's Statement

I, THE ENGINEER OF RECORD CERTIFY THAT I HAVE PERSONALLY VISITED THE SITE AND THE EXISTING GRADES AND CONTOURS DEPICTED ON THIS PLAN MATCH WHAT PRESENTLY EXISTS AT THIS LOCATION

MARTIN J. GARCIA, NMPE #11767

**ABQ**  
Engineering,  
Inc.

•Engineers •Planners  
•Construction Services  
6739 Academy Rd. NE, Suite 130  
Albuquerque, NM 87109  
505-255-7802 FAX 505-255-7902  
ABQ Project Number: 27182

SHEET TITLE:  
GRADING  
AND  
DRAINAGE PLAN  
2-20-08

SHEET:  
**C-101**

DEC 24 2008

HYDROLOGY  
SECTION

