



# ***City of Albuquerque***

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

October 5, 2000

Ronald R. Bohannon, P. E.  
Sara Lavy, EIT  
Tierra West, LLC  
8509 Jefferson, NE  
Albuquerque, NM 87113

RE: GRADING & DRAINAGE PLAN FOR NEW MEXICO BANK & TRUST AT  
RIVERSIDE PLAZA (E-12/D014) ENGINEER'S STAMP DATED 8-31-00,  
SUBMITTED FOR BUILDING PERMIT APPROVAL

Dear Mr. Bohannon,

Based upon the information provided in your September 1, 2000, submittal, the project referred to above is approved for Building Permit. Please attach copies of this approved plan to the construction sets prior to sign-off by Hydrology.

Prior to release of the Certificate of Occupancy, an Engineer Certification, per the DPM checklist, will be required.

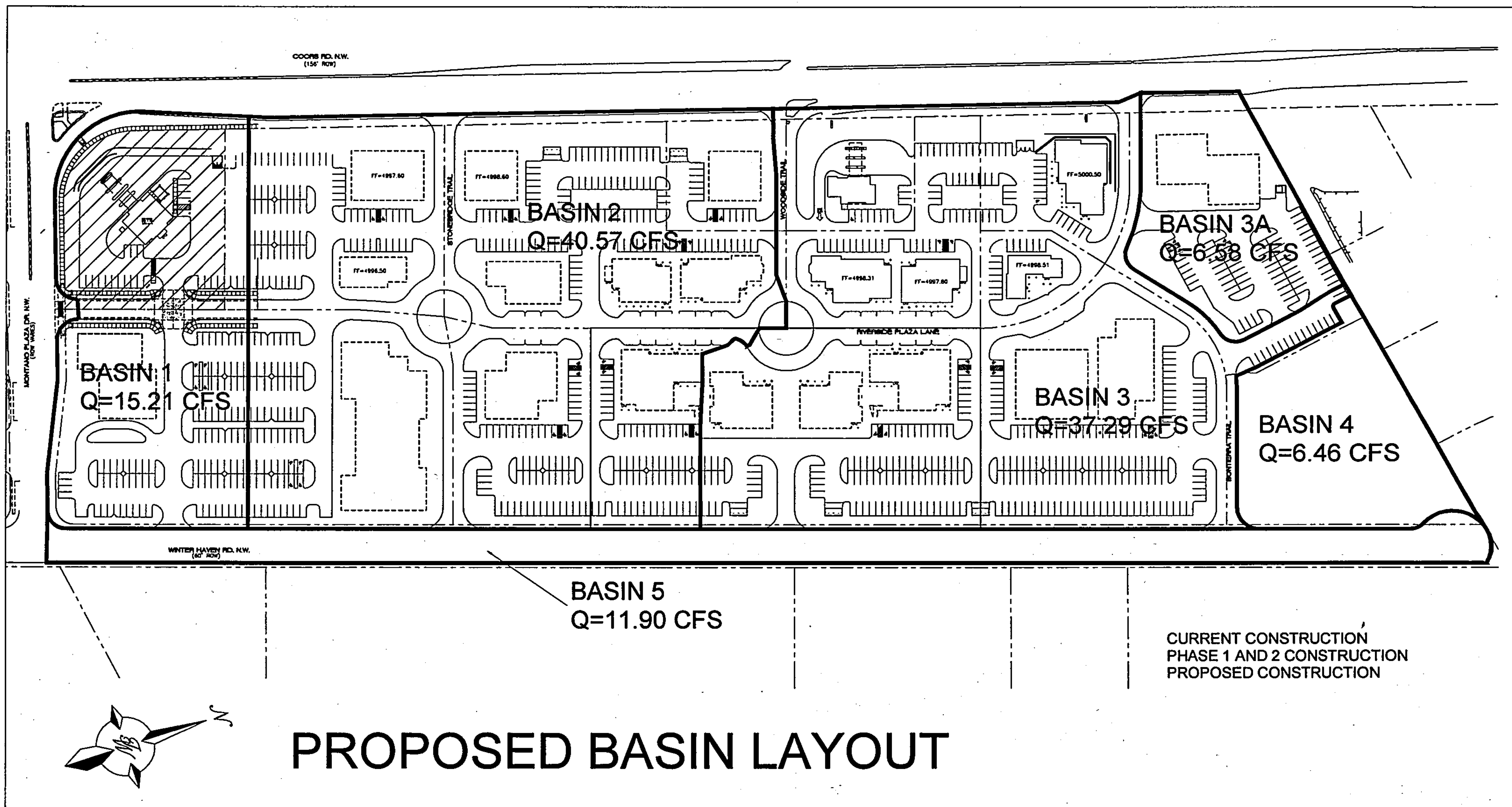
If you have any questions, please call me at 924-3988.

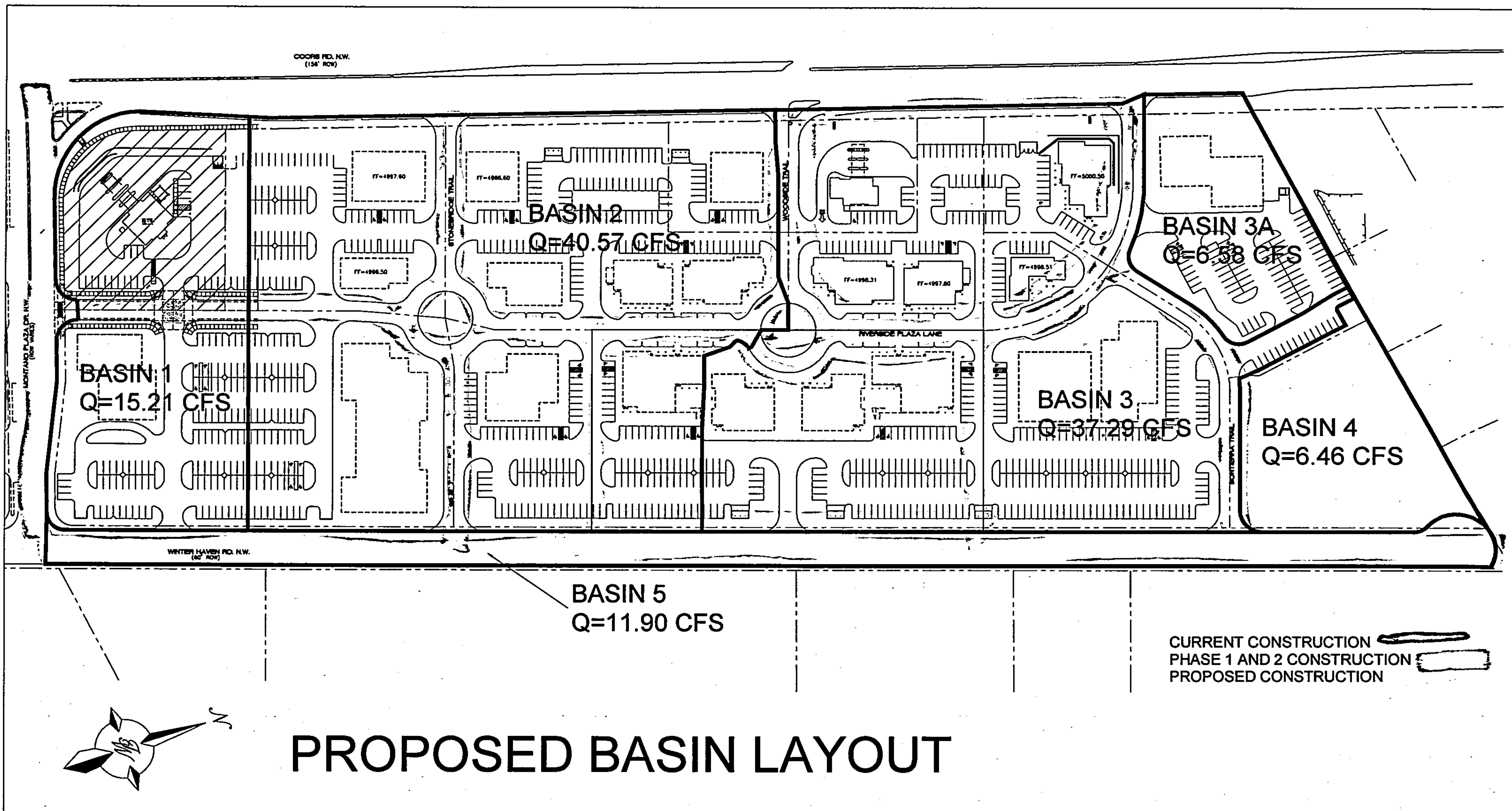
Sincerely,

*Stuart Reeder, P.E.*

Stuart Reeder, P.E.  
Hydrology Division

xc: Whitney Reiersen  
File





## Weighted E Method

### Developed Basins

											100-Year			10-Year		
Basin	Area (sf)	Area (acres)	Treatment A		Treatment B		Treatment C		Treatment D		Weighted E (ac-ft)	Volume (ac-ft)	Flow cfs	Weighted E (ac-ft)	Volume (ac-ft)	Flow cfs
			%	(acres)	%	(acres)	%	(acres)	%	(acres)						
1	160138	3.676	0%	0	10%	0.368	0%	0	90%	3.309	1.840	0.564	15.21	1.138	0.349	9.84
The Bank	54826	1.259	0%	0	10%	0.126	0%	0	90%	1.133	1.840	0.193	5.21	1.138	0.119	3.37

### Equations:

Weighted E =  $E_a \cdot A_a + E_b \cdot A_b + E_c \cdot A_c + E_d \cdot A_d / (\text{Total Area})$

Volume = Weighted D \* Total Area

Flow =  $Q_a \cdot A_a + Q_b \cdot A_b + Q_c \cdot A_c + Q_d \cdot A_d$

## **RUNOFF CALCULATIONS**

The site is @ Zone 1

## **LAND TREATMENT**

*Proposed*

B = 10 %

D = 90 %

## **EXCESS PRECIPITATION, E (INCHES)**

<u>100-Year</u>	<u>10-Year</u>
E <sub>a</sub> = 0.44	E <sub>a</sub> = 0.08
E <sub>b</sub> = 0.67	E <sub>b</sub> = 0.22
E <sub>c</sub> = 0.99	E <sub>c</sub> = 0.44
E <sub>d</sub> = 1.97	E <sub>d</sub> = 1.24

## **PEAK DISCHARGE (CFS/ACRE)**

<u>100-Year</u>	<u>10-Year</u>
Q <sub>a</sub> = 1.29	Q <sub>a</sub> = 0.24
Q <sub>b</sub> = 2.03	Q <sub>b</sub> = 0.76
Q <sub>c</sub> = 2.87	Q <sub>c</sub> = 1.49
Q <sub>d</sub> = 4.37	Q <sub>d</sub> = 2.89





# *City of Albuquerque*

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

November 15, 2001

Ronald R. Bohannon, P.E.  
Tierra West, LLC  
8509 Jefferson NE  
Albuquerque, New Mexico 87113

RE: NEW MEXICO BANK AND TRUST @ RIVERSIDE PLAZA (E-12/D14B)  
(6211 Riverside Plaza Lane NW)  
ENGINEERS CERTIFICATION FOR CERTIFICATE OF OCCUPANCY  
ENGINEERS STAMP DATED 8/31/2000  
ENGINEERS CERTIFICATION DATED 11/14/2001

Dear Mr. Bohannon:

Based upon the information provided in your Engineers Certification submittal dated 11/15/2001, the above referenced site is approved for Permanent Certificate of Occupancy.

If I can be of further assistance, please contact me at 924-3981.

Sincerely,

Teresa A. Martin  
Hydrology Plan Checker  
Public Works Department

*BLB*

C: Vickie Chavez, COA  
approval file  
drainage file



# ***City of Albuquerque***

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

***Public Works Department  
Transportation Development Services Section***

November 6, 2001

Steven Perich, P.E.  
Dekker, Perich, Sabatini Architects  
6801 Jefferson NE, Suite 100  
Albuquerque, NM 87109

Re: Certification Submittal for Final Building Certificate of Occupancy for  
NM Bank and Trust, [E12 / D14B]  
6201 Riverside Plaza Ln.  
Engineer's Stamp Dated 10/31/01

Dear Mr. Perich:

The TCL / Letter of Certification submitted is sufficient for acceptance by this office for final Certificate of Occupancy (C.O.). Notification has been made to Building and Safety and final C.O. has been logged in by Vicki Chavez in the Building Safety Section downstairs.

Sincerely,

Mike Zamora  
Commercial Plan Checker  
Development and Building Services  
Public Works Department

c: Terri Martin, Hydrology  
Office File

MZ:gds

October 30, 2001

Re: DRB 00420-00000-01497

Project # 1000089



**Dekker/Perich/Sabatini**

architecture  
interiors  
planning  
engineering

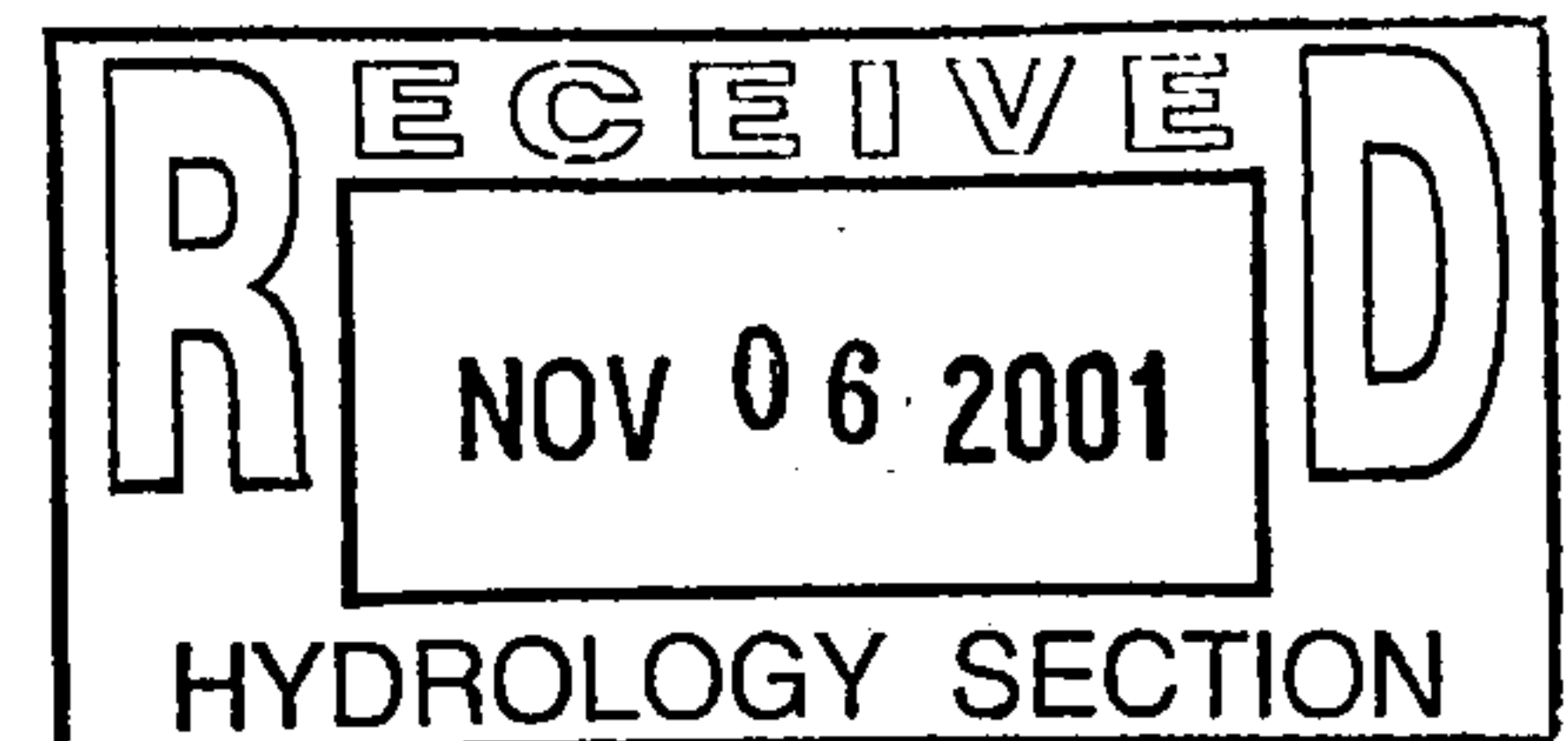
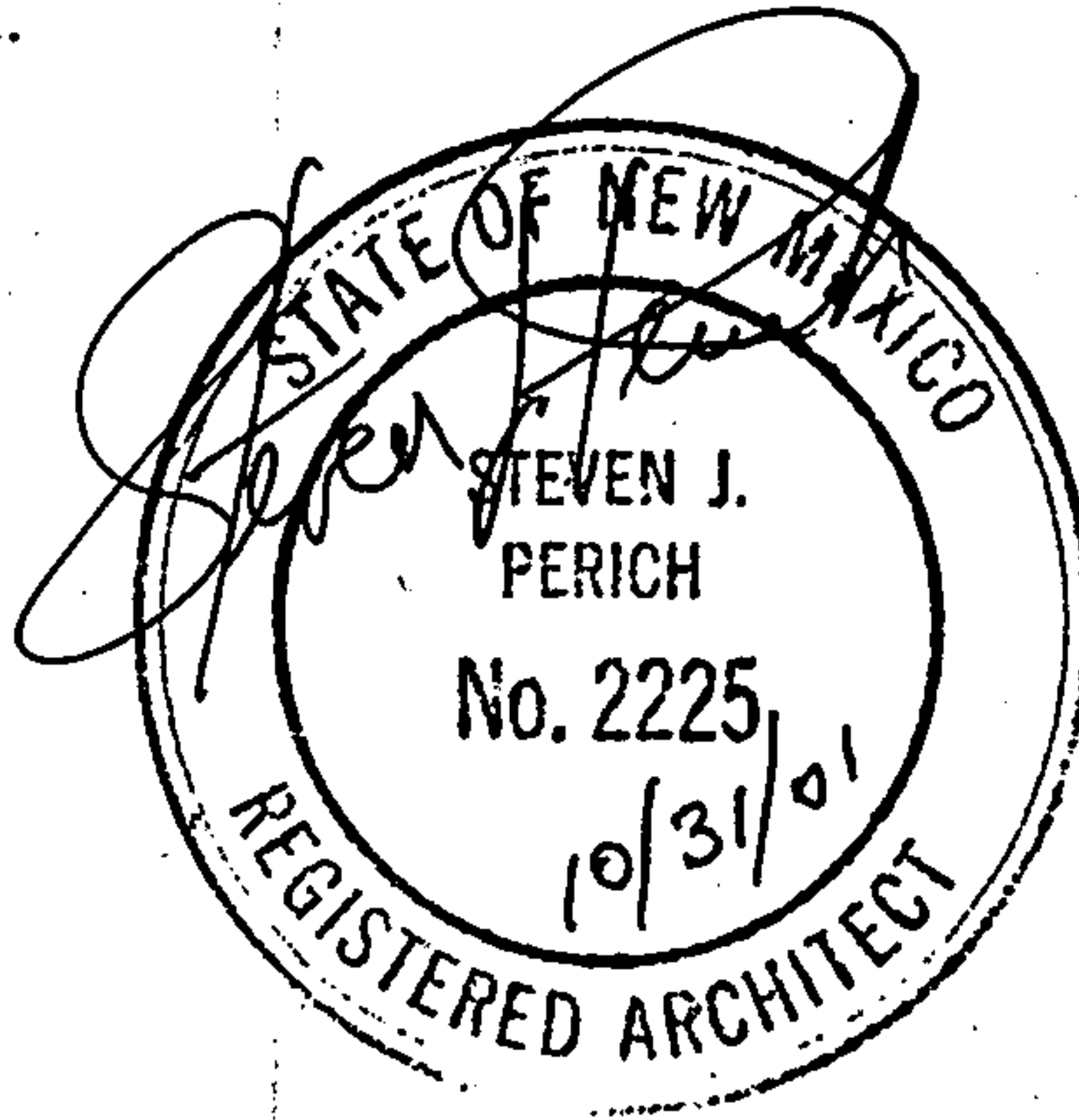
## Architects Certification

I, Steven Perich, licensed under the laws of the State of New Mexico, do hereby certify that this project was constructed in substantial compliance with the improvements shown on the Site Development Plan as approved by DRB; with minor modifications indicated in red.

Very truly yours,

Steven J. Perich, AIA

Dekker/Perich/Sabatini Ltd.



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Albuquerque NM  
87109  
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dps@dpsabq.com