CITY OF ALBUQUERQUE

REC'D JAN 25 2005

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January 19, 2005

Yolanda Padilla, P.E.
Bohannan Huston, Inc.
7500 Jefferson NE – Courtyard 1
Albuquerque, NM 87109

Re: Park 6 at Ventana Ranch, NE Corner of Ventana Rd and Universe Blvd, Grading and Drainage Plan

Engineer's Stamp dated 10-07-04 (B10-D10)

Dear Ms. Padilla,

Based upon the information provided in your submittal received 12-07-04, the above referenced plan is approved for Paving Permit and Grading Permit. Please attach a copy of this approved plan to the construction sets prior to sign-off by Hydrology. Upon completion of the project, please provide an Engineer Certification for our files.

This project requires a National Pollutant Discharge Elimination System (NPDES) permit. If you have any questions regarding this permit please feel free to call the DMD Storm Drainage Design section at 768-3654 (Charles Caruso).

If you have any questions, you can contact me at 924-3981.

Sincerely,

Kristal D. Metro
Engineering Associate, Planning Dept.
Development and Building Services

C: Charles Caruso, DMD Storm Drainage Design
File

P.O. Box 1293
Albuquerque
New Mexico 87103
www.cabq.gov

Bohannan Huston Inc.

Courtyar
7500 Jefferson St. N
Albuquerque, N
87109-43

www bhinc.co

voice: 505.823.100
facsimile: 505.798.79
toll free: 800.877.533

June 21, 2005

Brad Bingham, P.E.
Hydrology Development Division
City of Albuquerque Planning Department
P. O. Box 1293
Albuquerque, NM 87103

Re: Park 6 at Ventana Ranch – Grading and Drainage Re-submittal of approved Park 6 Grading and Drainage Plan Engineer's Stamp dated 10-07-04, COA Hydrology Department Reference Number (B10-D10)

Dear Brad:

The purpose of this letter is to inform you of changes to the previously approved Grading Plan for Park 6 at Ventana Ranch and request your approval for the Grading Plan induced by these changes. Enclosed are a Proposed Conditions Basin Map which identifies both site boundary and flow basins affecting the proposed site, a table defining hydrological volumetric and discharge data generated by the site and adjacent offsite basins, the necessary SO-19 language in order to work in public right of way for the proposed sidewalk culvert and a copy of the letter which approved the previous grading plan for Park 6 at Ventana Ranch.

During grading of the park, areas of basalt were located at grade for the proposed location of the parking lot. To reduce the amount of basalt to be removed, the parking lot was relocated further south, yet keeping the same location of the parking lot entrance (see Park 6 Grading Plan). Due to the design change, the flow entering the parking lot will be directed to the south east corner and exit through a proposed sidewalk culvert to existing Ventana Road. The overall drainage scheme of the park has remained unchanged.

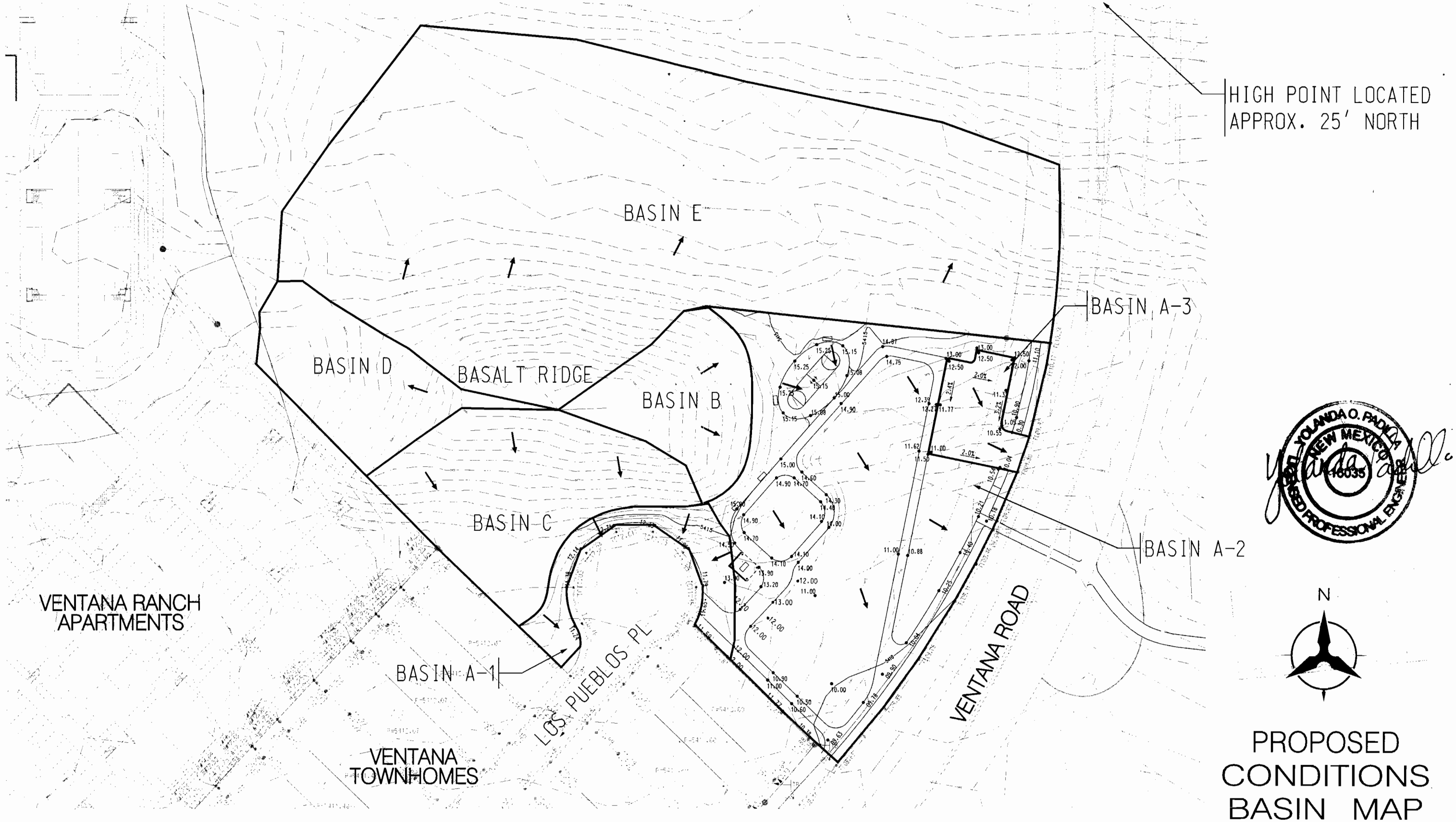
If you have any questions, please feel free to give me a call at 823-1000.

Sincerely,

Yolanda Padilla, P.E.
Project Engineer
Community Development and Planning

YP/ra
Enclosures

cc: Kurt Browning, Sandia Properties (w/enclosures)



YOLANDA O. PADILLA
NEW MEXICO
16035
REGISTERED PROFESSIONAL ENGINEER

PROPOSED CONDITIONS BASIN MAP

30 15 0 30

SCALE: 1" = 30'

(HORIZ.)

PARK 6 AT VENTANA RANCH

ALBUQUERQUE, NEW MEXICO
OCTOBER, 2004

Bohannan Huston INC.
Courtyard I 7500 Jefferson St. NE Albuquerque, NM 87109-4335
ENGINEERING • SPATIAL DATA • ADVANCED TECHNOLOGIES

P:\040051\cdp\040051park_propbasin.dgn

BASIN SUMMARY FOR PARK 6 AT VENTANA RANCH

HYDROLOGICAL VOLUMETRIC & DISCHARGE DATA

BASIN I.D.	AREA (AC)	UNITS #	% LAND TREATMENT A	B	C	D	DISCHARGE (CFS) 10 YR	100YR
HYRDOLOGICAL VOLUMETRIC & DISCHARGE DATA (EXISTING CALCULATED)								
Parcel I	6.91		97.0%	0.0%	0.0%	3.0%	2.3	9.4
TOTAL	6.91						2.3	9.4
HYRDOLOGICAL VOLUMETRIC & DISCHARGE DATA (DEVELOPED)								
OFFSITE (FLOWS OFFSITE)								
C	0.36		22.0%	78.0%	0.0%	0.0%	0.23	0.67
D	0.22		30.0%	70.0%	0.0%	0.0%	0.13	0.40
E	0.22		25.0%	75.0%	0.0%	0.0%	0.14	0.40
SUBTOTAL	0.80						**0.50**	**1.47**
OFFSITE (FLOWS ONSITE)								
B	0.19	0	23.0%	77.0%	0.0%	0.0%	0.12	0.36
SUBTOTAL	0.19						**0.12**	**0.36**
ONSITE								
SUB-BASINS								
A-1	0.11		0.0%	90.0%	0.0%	10.0%	0.11	0.25
A-2	0.88		0.0%	93.0%	0.0%	7.0%	0.79	1.92
A-3	0.08		0.0%	0.0%	0.0%	100.0%	0.23	0.34
SUBTOTAL	**1.07**						**1.13**	**2.51**

1) Impervious percentages for developed flows were determined from the DPM Table A-5.

No Change from prev calcs

BASIN SUMMARY FOR PARK 6 AT VENTANA RANCH										
HYDROLOGICAL VOLUMETRIC & DISCHARGE DATA										
BASIN I.D.	**AREA (AC)**	**UNITS #**		**% LAND TREATMENT A**	**B**	**C**	**D**		**DISCHARGE (CFS) 10 YR**	**100YR**
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1) Impervious percentages for developed flows were determined from the DPM Table A-5.