

BOARD OF COUNTY COMMISSIONERS

PATRICK J. BACA, CHAIRMAN

JACQUELYN SCHAEFER, VICE CHAIR DISTRICT 5

ALBERT "AL" VALDEZ, MEMBER DISTRICT 2

EUGENE M. GILBERT, MEMBER DISTRICT 3

PATRICIA "PAT" CASSIDY, MEMBER DISTRICT 4

JUAN R. VIGIL, COUNTY MANAGER

County of Bernalillo

State of New Mexico

ONE CIVIC PLAZA, N.W. ALBUQUERQUE, NEW MEXICO 87102 **ADMINISTRATION (505) 768-4000** COMMISSION (505) 768-4217

> FAX (505) 768-4329 February 23, 1993

RAY GALLAGHER, SHERIFF PATRICK J. PADILLA, TREASURER GLADYS M. DAVIS, CLERK MARK J. CARRILLO, ASSESSOR THOMAS J. MESCALL, PROBATE JUDGE

Richard Hall, P.E. Hall Engineering, Inc. 6840 2nd Street, NW Albuquerque, New Mexico 87107

> DRAINAGE PLAN FOR LOT 27, BLOCK 14, TRACT 2, UNIT 1, NORTH ALBUQUERQUE ACRES, (C-22/D32), ENGINEER'S STAMP DATED JANUARY 21, 1993

Dear Mr. Hall:

Based on the information provided on the referenced plan received January 27, 1993, the plan is acceptable for Certification of Occupancy release.

If you should have any questions, please do not hesitate to call me at 768-2650.

Cordially.

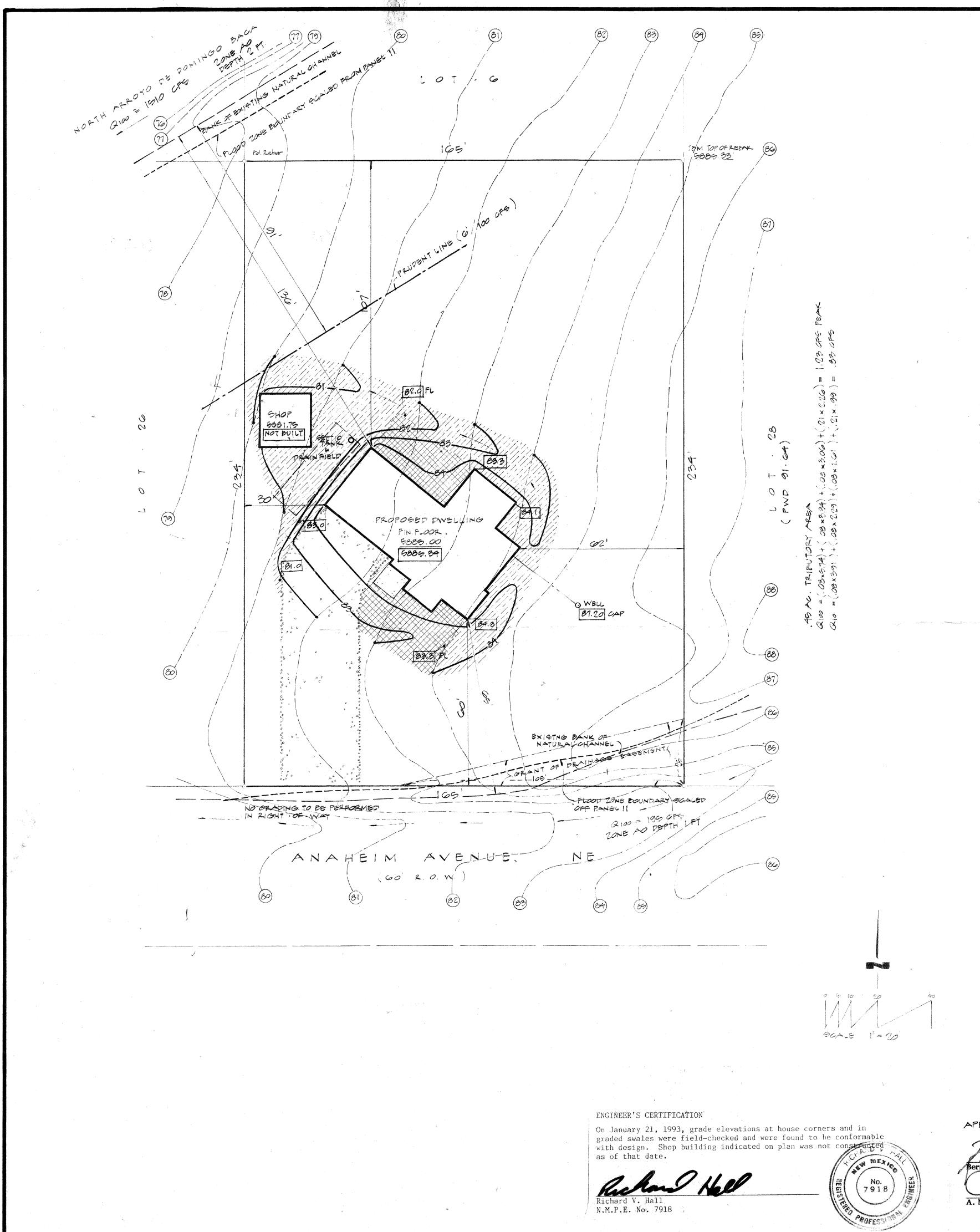
Gilbert Aldaz, P.E.

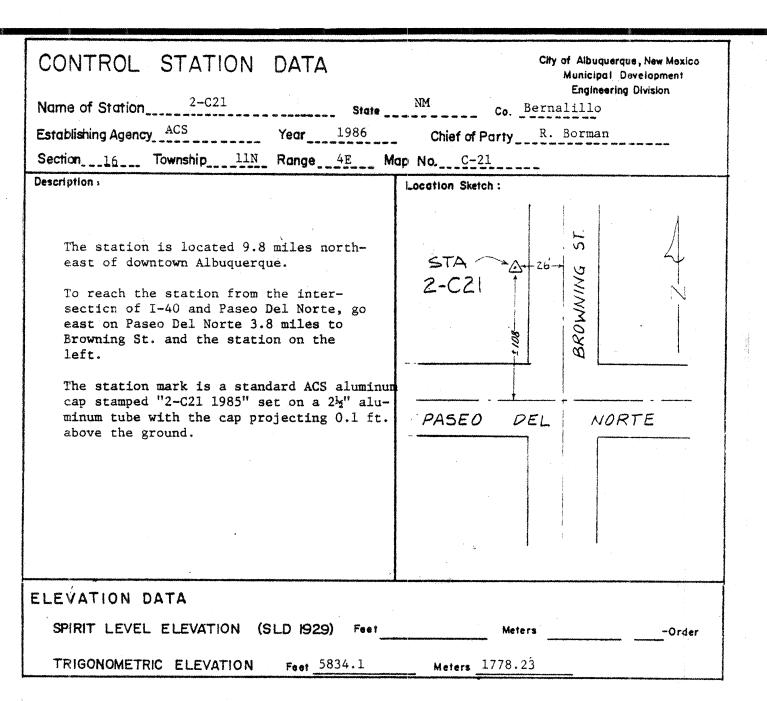
County Floodplain Administrator

xc: Clifford E. Anderson, AMAFCA Bob Foglesong, Bernalillo County Tom Burlison, County Building Dept.

wp+3475

Dile





GOILS INFORMATION

	Depth to-			Percentage passing sieve-					1		Degree and kind of limitations for			
Soil series and map symbols	Bedrock	Sea- sonal high water table	Depth from sur- face	No. 4 (4.7 mm)	No. 10 (2.0 mm)	No. 40 (0.42 mm)	No. 200 (0.074 mm)	Liquid limit	Plas- ticity index	Permea- bility	Shrink- swell potential	Septic tank absorption fields	Dweling without bisements	Local road
*Embudo: EmB, EtC For Tijeras part of EtC, see Tijeras series.	>5	>5	020	85-95	7085	40-75	25-50	NP	NP	0.6-0.2	Low	Slight 7	Slight1	Slight
Tijeras: Ig8	>5	>5	0-19	S0-100	60-90	50-80	35-65	20-30	0-10	0. 6–2. 0	Low to moderate.	Slight4	Moderate shrink swell	Moderate: shrink swell; lov strength
EtC—Embudo-Tijeras complex, 0 the This mapping unit is about 50 percent elly fine sandy loam, 0 to 5 percent 35 percent a Tijeras gravelly fine sandy loams of the Embudo soil is in drainageway and the Tijeras soil is on low ridges in The Tijeras soil has the profile describe of the Tijeras series. On both soils, run the hazard of water erosion is modern Included in this unit in mapping a Millett, and Wink soils, which make u of the unit.	an Eu slopes, ady loa rs and arrow t d as rep toff is n te.	and about that I depression indulation presentation and Tase	av- out alt has to ha ns, an ive und M of ent is we	that disappess. The luvial farthat disappess a velle disappess le disappess	us nearly ns on the esc. ibed owish bross grave hes. I with the and Laris inodes control is used and so and	v level : ne East ns rep own sur l and in is soil in cene soil rate, an l for co sildlife	ine sand to gently Mesa. I Mesa. I wesentati face laye nore lime a mappin ls, which d the ha beammunity habitat t commu	sloping t has a ive of t er about between g are are i make azard of V develo C Dryla	r soil is profile : profile : the serie 6 inches depths eas of En up 20 p water comment,	on old similar s, but thick of 10 abudo ercent erosion range.				

DRAINAGE DATA

CONDITION	STORM RETURN PERIOD	TREATMENT TYPE	TREATMENT AREA	EXCESS PRECIP	PEAK RUNOFF	RUNOFF VOLUME	RUNOFF RATE
The second of th	Table 4	The same of the sa	The state of the s	Table 8	Table 9	and Spanning Comments of Company and Spanish Comments	processors and the second seco
	YEAR		SQ.FT.	IN.	CFS/AC	CU.FT.	CFS
EXISTING	100	A	38610	0.66	2.26	2124	2.0
	10	A	38610	0.27	0.99	869	0.88
DEVELOPED	100	A	27295	0.66	2.26	1501	1.42
	100	В	1310	0.85	3.05	93	0.09
	100	C	7080	1.13	3.94	667	0.64
	100	D	2925	2.57	5.74	626	0.39
DEVELOPED	10	Α	27295	0.27	0.99	614	0.62
	10	В	1310	0.38	1.61	41	0.05
	10	, C	7080	0.55	2.29	325	0.37
	10	D	2925	1.60	3.91	390	0.26
TOTAL	100		38610		.)	2887	2.54
	10		38610			1370	1 30

- 1. A flow rate increase of 0.54 CFS and 0.42 CFS for the 100-year and 10-year storms, respectively, may be expected. The 6-hour runoff volumes will increase by 764 cubic feet for the 100-year storm and 501 cubic feet for the 10-year storm.
- 2. Runoff from this site will enter adjoining lot to the west and natural channel to the south as a sheet flow. No grading either side line or the rear line is proposed. No grading operations nor any alteration of grades in the natural channel along the front shall be performed.
- 3. This site has been designed to accommodate existing offsite flows. 4. Erosion control wildd be the responsibility of the homeowner and all
- disturbed areas will be treated with suitable landscaping. 5. Those areas on theplan which are indicated "disturbed", "gravelled",
- or "landscaped" were derived from information supplied by the contractor or designer. 6. Finish Floor Elevation of the proposed dwelling has been purposely
- set at a minimum of 5885.00 (one foot above nearest bank elevation of the natural channel) Dimensions to nearest banks have been indicated on the plan

CONTOUR INTERVALION PLAN : ONE FOOT - - EXISTING CONTOUR

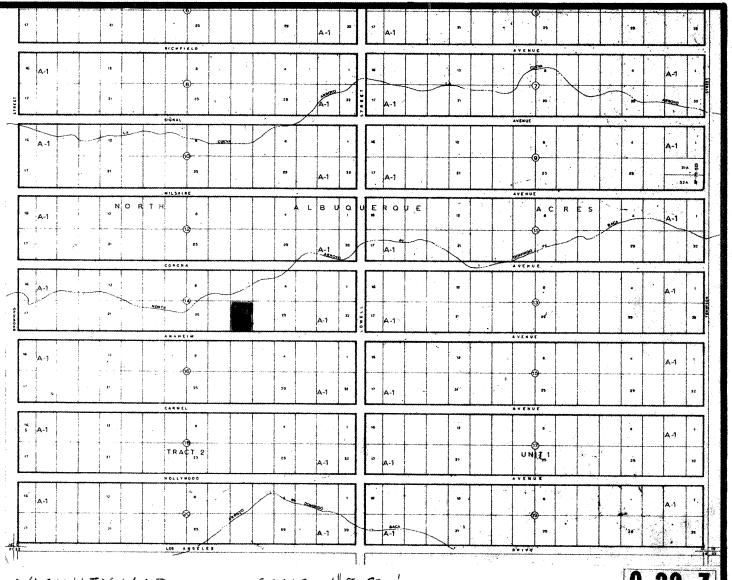
+ 80 0 EXISTING SPOT ELEVATION \$ 80.0 PROPOSED SPOT ELEVATION

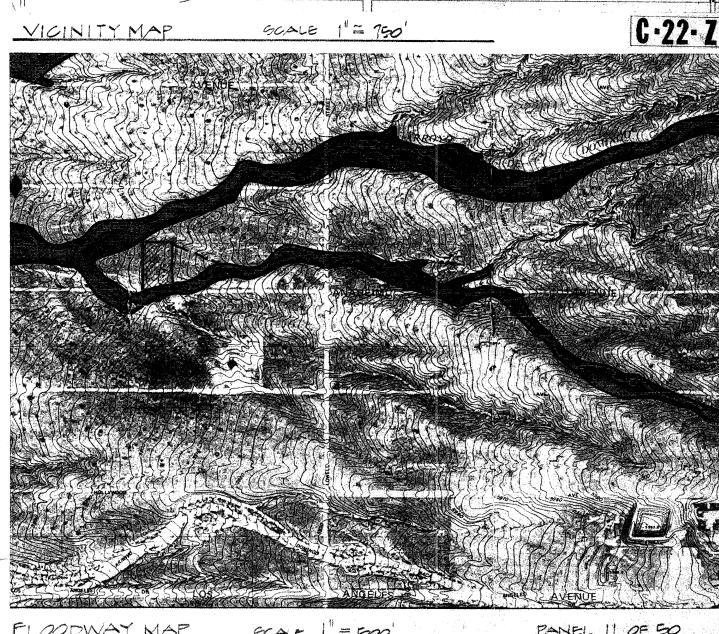
AREA SUBJECT TO GURFACE DISTURBANCE WITH CONSTRUCTION

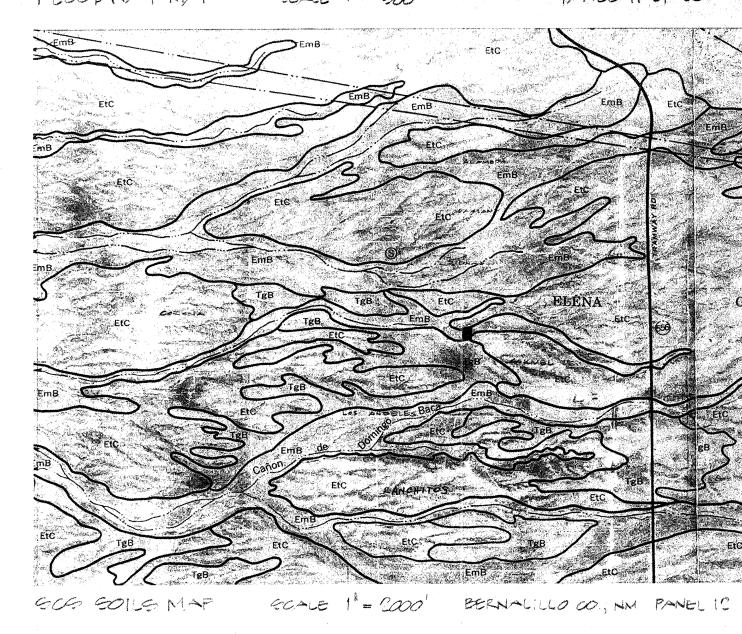
LANDSCAPED AREA

· BO.O AG-BUILT ELEVATION ·









I, Richard V. Hall, hereby certify that I observed this site on June 12, 1992, and found that the ground elevations as shown on this deawing had not as of that date, been altered by any grading operations. N 2

DRAINAGE & GRADING PLAN LOT . 27, BLOCK - 14, TRACT 2, UNIT 1, NORTH ALBUQUERQUE ACRES PWD 92.



PHONE: (505) 345-1064

YORIS CONSTRUCTION UNDERWOOD RESIDENCE HALL ENGINEERING COMPANY INC. ENGINEERING · SURVEYING · PLANNING · CONSTRUCTION 6840 2ND ST., N.W., SUITE 306 • ALBUQUERQUE, NEW MEXICO 87107

EXHIBIT "A"

•			*	
170	LOT.	6		
1/2" Rebar, cap "157264"	680°50'58"E	164.77'	1/2" Rebar, cap "L5 7909"	
75" Retarcap "157204"	ORAHT ON 10° 37	UNIT 1 3UQUERQUE 2ES 108.01 03'E	20.782 S. Lo J M. 83,0,0 M. 83,0,0 M. 83,0,0 M. 83,0,0 M. 84,00 M. 83,0,0 M. 83,0,0 M. 83,0,0 M. 84,00 M. 83,0,0 M. 84,00 M. 84,00 M	LOWELL STREET
	WEST	164.78' (165', PLAT)	(705' PLAT)	
· /	NAHEIM AV			

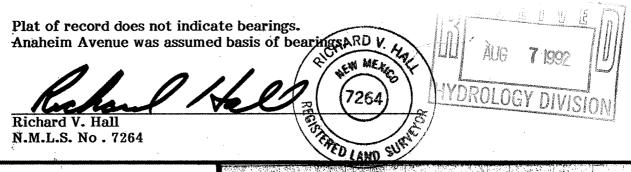
DESCRIPTION

A permanent right and easement for drainage, flood control and conveyance of storm water within Lot numbered Twenty-seven (27) in Block numbered Fourteen (14), Tract 2, Unit 1, NORTH ALBUQUERQUE ACRES, a Subdivision in Bernalillo County, New Mexico, as the same is shown and designated on the plat of said Subdivision, filed in the office of the County Clerk of Bernalillo County, New Mexico on March 23, 1931 in Volume D, folio 130, said easement being more particularly described as follows:

BEGINNING at the Southeast corner of said Lot 27, Block 14, a point on the Norht right-of-way line of Anaheim Avenue, NE, and running from said beginning point thence, along said right-of-way line, WEST a distance of 105.00 feet;

thence, N.76°37'03"E., a distance of 108.01 feet to a point on the East line of said Lot 27, Block 14;

thence, along said East lot line, S.00°10'58"W., a distance of 25.00 feet to the point of beginning.



UNDERWOOD

VORIS CONSTRUCTION

92-1012



HARL ENGINEERING COMPANY INC. ENGINEERING SURVEYING PLANNING CONSTRUCTION CONSTRUCTION SURVEYING PALUBUQUERQUE, NEW MEXICO 87107 PHONE: 1505):345-1064

GRANT OF EASEMENT FLOODWAY AND STORM DRAINAGE WORKS IN NORTH ALBUQUERQUE ACRES

Richard A. Underwood and Patti M. Underwood _______, Grantors, for good and valuable consideration, the receipt of which is hereby acknowledged, does grant, bargain, sell and convey unto the ALBUQUERQUE METROPOLITAN ARROYO FLOOD CONTROL AUTHORITY, a political subdivision of the State of New Mexico, Grantee, and its successors and assigns, the permanent right and easement for drainage, flood control and conveyance of storm water and the construction, reconstruction, operation and maintainance of, and access to such facilities on, in, under, over and across the following described real estate:

The land in which the foregoing rights and easements are granted is located in the County of Bernalillo and State of New Mexico and is more particularly described in Exhibit "A" attached hereto and incorporated herein by reference.

Except by the written approval of AMAFCA, no fence, wall, building, or other obstruction may be placed or maintained in said easement and there shall be no alteration of the grades or contours in said easement. The granting of this easement shall not obligate the Grantee to maintain natural arroyos, drainage channels, or facilities that do not meet the standards of the Grantee for design and construction, nor shall this granting require the protection of property lying outside of the easement granted. Safe locations for structures built on lands adjacent to the real property described herein may be substantially outside of the area described herein.

TO HAVE AND TO HOLD the said right and easement for the uses and purposes aforesaid, unto the Grantee, its successors and assigns, forever, except that any portion of the easement granted herein shall revert to the Grantor, its successors or assigns, as and to the extent said portion is declared unnecessary for flood control or drainage by the Board of Directors of the Albuquerque Metropolitan Arroyo Flood Control Authority. Any reversion shall be conveyed by quitclaim deed.

THERE IS RESERVED to the Grantor, its successors and assigns, the right to use said lands for open space landscaping and other purposes which will not interfere with the rights and easements hereby granted, provided that Grantor obtains Grantee's written approval for such use, not to be unreasonably withheld.

WITNESS, its hand and seal this	29 TH day of JULY 1992.
Phil Illund	Post m. Slinder wood
ACKNOWLEDGMENT FOR NATURAL PERSONS	OFFICIAL SEAL E W KIESS NOTARY PUBLIC - STATE OF NEW MEXICO
STATE OF NEW MEXICO)	Notary Bond Filed With Secretary of State
COUNTY OF BERNALILLO)	My Commission Expires 5-1-94
The foregoing instrument was acknowled day of JULY ,1992 by RICHA PATTI M. UNDERWOOD	dged before me this 29 TH
My commission expires: MAY 1992	SAA
Note	ry Public
(SEAL)	



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ONE CIVIC PLAZA, N.W.
ALBUQUERQUE, NEW MEXICO 87102
ADMINISTRATION (505) 768-4000
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July 23, 1992

RAY GALLAGHER, SHERIFF
PATRICK J. PADILLA, TREASURER
GLADYS M. DAVIS, CLERK
MARK J. CARRILLO, ASSESSOR
THOMAS J. MESCALL, PROBATE JUDGE

Richard Hall, P.E.
Hall Engineering, Inc.
6840 2nd Street, NW
Albuquerque, New Mexico 87107

RE: DRAINAGE PLAN FOR LOT 27, BLOCK 14, TRACT 2, UNIT 1, NORTH ALBUQUERQUE ACRES, RECEIVED JULY 13, 1992 FOR BUILDING PERMIT APPROVAL (C-22/D32)

Dear Mr. Hall:

Based on the information provided on the referenced submittal, please address the following prior to release of the Building Permit:

- 1. Does the site meet the 6 feet/100 cfs? Show the setback limits required or determine the potential scour.
- The 100-year floodplain at the southeast corner does not reflect the existing bank topography. I believe your scaling of the FIRM panel is incorrect.
- 3. Dedicate the necessary 100-year floodplains to AMAFCA.
- 4. Add signature blocks on the plan for AMAFCA and Bernalillo County's approval.

If you should have any questions, please do not hesitate to call me at 768-2650.

Cordially.

Tilbort Alder D. D. C. D. C.

County Floodplain Administrator

xc: Clifford E. Anderson, AMAFCA Bob Foglesong, Bernalillo County

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