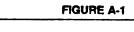
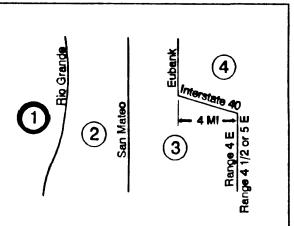


A.1 PRECIPITATION ZONES

Bernalillo County's four precipitation zones are indicated in TABLE A-1 and on

	TABLE A-1. PRECIPITATION ZONES					
Zone	Location					
0	West of the Rio Grande					
2	Between the Rio Grande and San Mateo					
3	Between San Mateo and Eubank, North of Interstate 40; and between San Mateo and the East boundary of Range 4 East, South of Interstate 40					
4	East of Eubank, North of Interstate 40; and East of the East boundary of Range 4 East, South of Interstate 40					





extends across a zone boundary, use the zone which contains the largest portion of the

DPM SECTION 22.2 - HYDROLOGY

Treatment	Land Condition			
A	Solf uncompacted by human activity with 0 to 10 percent slopes. Native grasses, weeds and shrubs in typical densities with minimal disturbance to grading, groundcover and infiltration capacity. Croplands. Unlined arroyos.			
В	Irrigated lawns, parks and golf courses with 0 to 10 percent slopes. Native grasses, weeds and shrubs, and soil uncompacted by human activity with slopes greater than 10 percent and less than 20 percent			
С	Soll compacted by human activity. Minimal vegetation. Unpaved parking, roads, trails. Most vacant lots. Gravel or rock on plastic (desert landscaping). Irrigated lawns and parks with slopes greater than 10 percent. Native grasses, weeds and shrubs, and soil uncompacted by human activity with slopes at 20 percent or greater Native grass, weed and shrub areas with clay or clay loam soils and other soils of very low permeability as classified by SCS Hydrologic Soil Group D.			
D	Impervious areas, pavement and roofs.			

4188°11'E,

768.57'

TRACT "G" 5.16 AC.

588°11'W,

DRAINAGE COMMENTS AND CALCULATIONS:

AS SHOWN ON THE PLAN HEREON, THE SUBJECT SITE IS LOCATED EAST OF COORS ROAD N.W. AND WEST OF THE RIO GRANDE RIVER, BETWEEN THE CORRALES MAIN CANAL AND THE CORRALES RIVERSIDE DRAIN, IN THE CITY OF ALBUQUERQUE, BER-NALILLO COUNTY, NEW MEXICO, (ZONE ATLAS MAP "D-13-Z").

AS SHOWN ON PANEL 8 OF 50 OF THE FEDERAL EMERGENCY MANAGEMENT AGENCY, (F.E.M.A.) FLOOD BOUNDARY AND FLOODWAY MAP, DATED OCTOBER 14, 1983, THE SUBEJCT SITE IS LOCATED WITHIN A DESIGNATED 100-YEAR FLOOD HAZARD AREA, ZONE DESIGNATION "AH" (ELEVATION = 4981.0) ACCORDINGLY; PROPOSED FINISHED FLOOR ELEVATION HAS BEEN ESTABLISHED AS SHOWN ON THE PLAN HEREON.

THE SUBJECT SITE, 1.) IS TO HAVE A PROPOSED SINGLE-FAMILY RESIDENCE CON-STRUCTED ALONG WITH ASSOCIATED IMPROVEMENTS, 2.) DOES NOT CONTRIBUTE TO OFFSITE FLOWS OF ADJACENT PROPERTIES, 3.) DOES NOT ACCEPT OFFSITE FLOWS FROM ADJACENT PROPERTIES, 4.) DOES LIE ADJACENT TO BOTH MAN-MADE AND ART-IFICIAL WATER COURSES.

CALCULATIONS:

PER SECTION 22.2, HYDROLOGY OF THE DEVELOPMENT PROCESS MANUAL, VOLUME 2, DESIGN CRITERIA FOR THE CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO, DATED JANUARY, 1993.

SITE AREA = 5.16 ACRES

PRECIPITATION ZONE: ONE (1)

PEAK INTENSITY: IN./HR. AT T_{c} = TWELVE (12) MINUTES, 100-YR. = 4.70

EXISTING CONDITIONS:

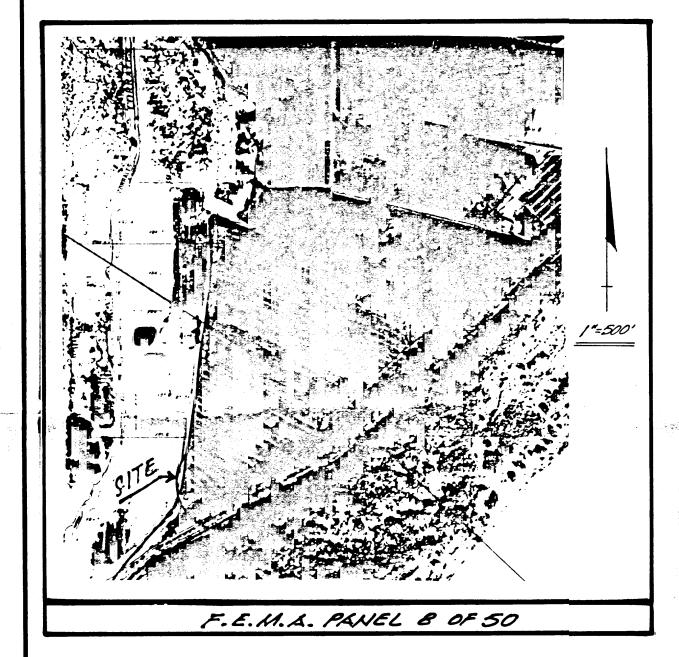
TREATMENT	AREA/ACRES		FACTOR		CFS	
A	5.06	X	1.29	=	6.5	
D	0.10	x	4.37	=	0.4	
"Q _p " = 6.97 CF PROPOSED CONDI						
TREATMENT	AREA/ACRES		FACTOR		CFS	

· 787

1.143.24'

IRRIGATED FIELDS

TREATMENT	AREA/ACRES		FACTOR		CFS
Α	4.91	x	1.29	=	6.33
D	0.25	X	4.37	=	1.09
"Q_" = 7.42 CFS	*** IN	CREASE	= 0.45 C	F S	



GENERAL NOTES:

- 1.) NO PERIMETER BOUNDARY CORNERS HAVE BEEN FIELD ESTABLISHED PER THIS SURVEY OF THE SUBJECT PROPERTY.
- 2.) NO SEARCH HAS BEEN MADE FOR EASEMENTS OF RECORD WITHIN THE SUBJECT SITE OTHER THAN THOSE SHOWN ON THE PLAT OF RECORD.
- 3.) REFER TO "ARCHITECTURAL SITE PLAN" FOR FIELD LAYOUT OF THE PROPOSED
- 4.) TOPOGRAPHY SURVEY OBTAINED BY "TRANSIT-STADIA" METHOD.

CONSTRUCTION NOTES:

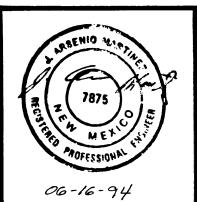
- 1.) TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE AT 765-1234 FOR LOCATION OF EXISTING UTILITIES. 260-1990 ING UTILITIES.
- 2.) PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF ALL POTENTIAL OBSTRUCTIONS; SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM OF DELAY.
- 3.) ALL WORK ON THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE, AND LOCAL LAWS, RULES AND REGULATIONS CONCERNING CONSTRUCTION SAFETY AND HEALTH.
- 4.) ALL CONSTRUCTION WITHIN CITY RIGHT-OF-WAY SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE CITY OF ALBUQUERQUE STANDARDS AND PRO-

EROSION CONTROL MEASURES:

- THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR MANAGEMENT FOR STORM RUN-OFF DURING CONSTRUCTION; HE SHALL INSURE THAT THE FOLLOWING MEASURES ARE TAKEN:
- 1.) ADJACENT PROPERTY SHALL BE PROTECTED AT ALL TIMES BY CONSTRUCTION OF BERMS, DIKES, SWALES, PONDS, AND OTHER TEMPORARY GRADING AS RE-QUIRED TO PREVENT STORM RUNOFF FROM LEAVING THE SITE AND ENTERING ADJACENT PROPERTIES.
- 2.) ADJACENT PUBLIC RIGHT-OF-WAYS SHALL BE PROTECTED AT ALL TIMES FROM STORM WATER RUNOFF FROM THE SITE. NO SEDIMENT BEARING WATER SHALL BE PERMITTED TO ENTER PUBLIC STREETS.
- 3.) THE CONTRACTOR SHALL IMMEDIATELY AND THROUGHLY REMOVE ANY AND ALL SEDIMENT WITHIN PUBLIC STREETS THAT HAS BEEN ERODED FROM THE SITE AND DEPOSITED THERE.

LEGAL DESCRIPTION: TRACT LETTERED "G", ROBERSON RANCH SUBDIVISION, ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO.

BENCH MARK REFERENCE: ACS CONTROL STATION, ALBUQUERQUE CITY SURVEY MONUMENT "NM 448-N8", M.S.L.D. ELEVATION OF 5018.92; PROJECT BENCH MARK AS SHOWN ON THE PLAN HEREON.



A DRAINISE PLAN FOR A PROPOSED RESIDENCE FOR PIERRE AMESTOY, JR. FLANLY (TRACT "G", ROBERSON RANCH SUBDIVISION)

BERNALILLO COUNTY, NEW MEXICO JUNE, 1994

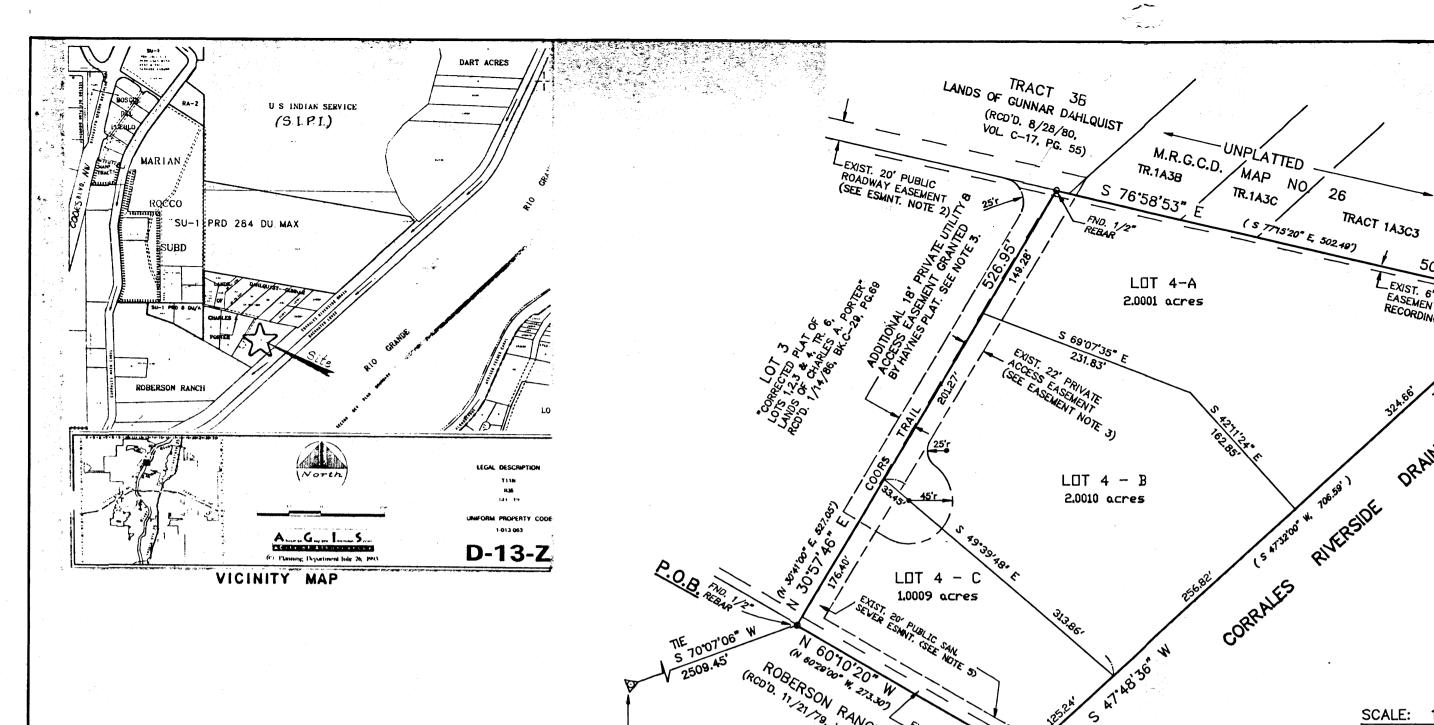
LEGEND:

EXISTING SPOT ELEVATION = . ~ 78.0

JUN 2 0 1994

PROPOSED SPOT ELEVATION = \$ 86.0

ENGINEER'S SESL



STATION "NM448-N8"

NAD 1927, N.M. CENTRAL ZONE

COMB. FACT. = 0.99967854

DELTA ALPHA = -0.14'44"

Y = 1,514,838.11 X = 372,524.25 ELEV. = 5018.92

PLAT NOTES AND DATA:

A) All exterior property corners were found in place as noted, and a washer impressed "PS #10466" was attached to all found corners. New lot corners are monumented with a rebar and cap "PS #10466"
 B) Bearings based on N.M. State Plane Coordinate Grid System, Central Zone. Distances are ground.

C) No streets or alleys created.

D) Date of field survey - January 18, 1994.

E) Calls shown in parentheses are from "CORRECTED PLAT ...LANDS OF CHARLES A. PORTER", red'd

1/14/86 in Bk.C29, Pg. 69. Calls without parentheses are as measured.

EASEMENTS:

1) Talos Log # 94021615340433

2) Record documents regarding roadway easement:
Plat, rcd'd. 8/28/80 in Bk. C17, Pg. 55; Plat, rcd'd. 7/23/75 in Bk. B-10, Pg. 113;
Plat, rcd'd. 8/26/84 in Bk. C17, Pg. 49; Plat, rcd'd. 6/10/74 in Bk. B-9, Pg. 139;
Grant of Esmnt., rcd'd. 4/11/56 in Bk. D-347, Pgs. 586 - 590;
Grant of Esmnt., rcd'd. 10/12/90 in Bk. 90-16, Pgs. 8598 - 8612

3) Existing 22' Private Access Easement to serve Lots 3 & 4 was granted on the "CORRECTED PLAT OF LOTS 1,2,3 & 4, TRACT 6, LANDS OF CHARLES A. PORTER" rcd'd. 1/14/86 in Bk. C29, Pg. 69. Maintenance of the access facilities is the sole responsibility of the current or future owners of Lots 3 and 4 and subsequent divisions thereof.

4) Existing "10 foot Hiking and Equestrian Easement Granted for the Exclusive Use of Owners, Tenants, and Visitors of Lots 1,2,3 & 4", as granted on the aforesaid "CORRECTED PLAT ... LANDS OF CHARLES A. PORTER", rcd'd. 1/14/86 in Bk. C29, Pg. 69.

5) Existing 20 foot Public Sanitary Sewer Easement for C.O.A. Westside Intercep 6) This plat shows all easements of record made known to me by the owners.

NOTE REGARDING WATER AND SAN. SEWER SERVICE AVAILABILITY:
City of Albuquerque Water and Sanitary Sewer Service is currently not available to these properties.

NOTES REGARDING BERNALILLO COUNTY ENVIRONMENTAL HEALTH DEPT.

- 1) An alternative on-site liquid waste disposal system designed by a sanitary and/or environmental engineer will be required if the most current on-site liquid waste disposal regulations can not be met at the time of installation.
 - 2) No private liquid waste disposal system shall be allowed where public sewer is available.

 3) Water supply system must meet the requirements outlined in the most current water supply.
- 3) Water supply system must meet the requirements outlined in the most current water supply regulations at the time of installation.
- 4) New Lots 4-A, 4-B and 4-C shall be connected to City of Albuquerque Sanitary Sewer Service, if and when they become developed, by means of individual on-site pump systems. Request for connection must be verified and coordinated with the Public Works Dept., City of Albuquerque.

NOTE REGARDING DRAINAGE:

This property is within a 100-year flood plain as shown on the National Flood Insurance Program "Flood Insurance Rate Map". Any development of this property must conform to the Bernalillo County Flood Damage Prevention Ordinance. The property may be subject to the flood insurance requirements of the Federal Emergency Management Agency (FEMA). The Base Flood MSL elevation is 4981' per FEMA Map Panel No. 8 of 50. Development of these lots must have a finish floor elevation of 4981' or greater.

DISCLOSURE STATEMENT: The purpose of this plat is to divide Lot 4 into three parcels.

<u>LEGAL DESCRIPTION:</u> That certain tract of land situate within Section 19, Township 11 North, Range 3 East of the New Mexico Principal Meridian, Albuquerque, Bernalillo County, New Mexico, comprising Lot Four (4) as such lot is shown and designated on the plat titled "CORRECTED PLAT OF LOTS 1,2,3, & 4, TRACT 6, LANDS OF CHARLES A. PORTER", filed for record in the Office of the Bernalillo County Clerk on January 14, 1986 in C-29, page 69, and being more particularly described as follows:

BEGINNING at the southwest corner of the parcel herein described, a found 1/2" rebar, whence, the survey monument "NM 448-N8" bears S 70°07'06" W, 2509.45 feet distant; and running thence,

N 30°57'46" E, 526.95 feet to the northwest corner, a found 1/2" rebar; thence,

S 76°58'53" E, 502.64 feet to the northeast corner, a found rebar and cap #6446, a point on the westerly right-of-way line of the Corrales Riverside Drain; thence, continuing along said westerly right-of-way line,

S 47°48'36" W, 706.72 feet to the southeast corner, a found 1-1/4" pipe; thence, departing said right-of-way, N 60°10'20" W, 273.42 feet to southwest corner and POINT OF BEGINNING. Containing 5.0020 acres, more or less. (The above legal description employs New Mexico Coordinate System Grid bearings and ground distances.)

OWNERS FREE CONSENT STATEMENT: The undersigned owner states that he is the owner of the land shown and described hereon in fee simple, and does hereby consent to the land split in the manner shown hereon and states that it is in accordance with his wishes and desires. Said owners hereby create and grant the private access easement shown hereon for the exclusive use of the current and future owners Lots 3 and 4.

OWNER: THE GUNNAR DAHLQUIST AND ANNELIES DAHLQUIST TRUST.

Survey Sall Fuest Annelies Dahlquist, Trustee

Gunnar Dahlquist, Trustee

ACKNOWLEDGEMENT:
State of New Marie) CAUPORUM
County of Demailto) ss SANTA MARIA

Motary Public

KAKEN L. BILLANE

SANTA BARBARA,

AUG. 2, 1996

EXPIRATION DATE

PLAT OF

LOTS 4-A, 4-B & 4-C TRACT 6 OF LANDS OF CHARLES A. PORTER

(A LAND SPLIT OF LOT 4, TRACT 6, OF LANDS OF CHARLES A. PORTER)

BERNALILLO COUNTY, NEW MEXICO ZONE ATLAS D-13 MARCH 1994

D.R.B. CASE NO.: 94-16

CITY PLANNING DIR.

CITY ENGINEER

TRAFFIC ENGINEER

Carol Schreider Durnont

PARKS A GEN. SERVICES DEPT.

UITLITIES DULPHINT.

LICH COUNTY PUBLIC DORKS

US WEIL

LOCATE

DATE

1-19-94

DATE

1-28-94

DATE

1-18-94

DATE

CITY SURVEYOR

DATE

DATE

DATE

DATE

1-18-94

DATE

CITY SURVEYOR

DATE

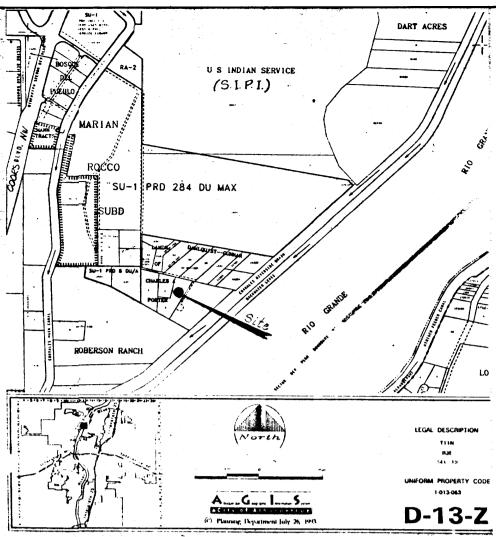
SURVEYOR'S CERTIFICATION: I, Rex J. Vogler, New Mexico Professional Surveyor No. 10466, certifies that this plat and the field survey on which it is based was prepared by me or under my direct supervision; that it meets the Requirements for Land Surveying in New Mexico; that it meets the minimum requirements for monuments and surveys of the Albuquerque Subdivision Ordinance, and is true and correct to the best of my knowledge and belief.

Rex J. Vogler, NM PS #104 6.20 P.O. BOX 7155 ABQ. NM 87194 10465 10465 10465

PHM DISCLAIMEN

By approving this decimal, short does NOT waive or release any externent or experiment rights which may have been granted by spring plat, replat, or documents

Rcd'd 7/28/94 Ooc # 94094915 94C-247



VICINITY MAP

PLAT NOTES AND DATA:

- A) All property corners found in place as noted were attached with a washer impressed "PS #10466". Lot corners set as noted hereon are monumented with a rebar and cap "PS #10466"
- B) Bearings based on N.M. State Plane Coordinate Grid System, Central Zone. Distances are ground.
- C) No streets or alleys created.
- D) Date of field survey January 18, 1994.
- E) Calls shown in parentheses are from "CORRECTED PLAT ...LANDS OF CHARLES A. PORTER". rcd'd. 1/14/86 in Bk.C29, Pg. 69. Calls without parentheses are as measured.

EASEMENTS:

- 1) Talos Log # 94021615340433
- 2) Record documents regarding roadway easement:
- Plat, rcd'd. 8/28/80 in Bk. C17, Pg. 55; Plat, rcd'd. 7/23/75 in Bk. B-10, Pg. 113;
- Plat, rcd'd. 8/26/84 in Bk. C17, Pg. 49; Plat, rcd'd. 6/10/74 in Bk. B.9, Pg. 139; ---Grant of Esmnt., rcd'd. 4/11/56 in Bk. D-347, Pgs. 586 - 590;

Grant of Esmnt., rcd'd. 10/12/90 in Bk. 90-16, Pgs. 8598 - 8612

- 3) Existing 22' Private Access Easement to serve Lots 3 & 4 was granted on the "CORRECTED PLAT OF LOTS 1,2,3 & 4, TRACT 6, LANDS OF CHARLES A. PORTER" rcd'd. 1/14/86 in Bk. C29, Pg. 69. Maintenance of the access facilities is the sole responsibility of the current or future owners of Lots 3 and 4 and subsequent divisions thereof.
- 4) Existing "10 foot Hiking and Equestrian Easement Granted for the Exclusive Use of Owners, Tenants, and Visitors of Lots 1,2,3 & 4", as granted on the aforesaid "CORRECTED PLAT ... LANDS OF CHARLES A. PORTER", rcd'd. 1/14/86 in Bk. C29, Pg. 69.
 - 5) Existing 20 foot Public Sanitary Sewer Easement for C.O.A. Westside Interceptor III.
 - 6) This plat shows all easements of record made known to me by the owners.

NOTE REGARDING WATER AND SAN. SEWER SERVICE AVAILABILITY:

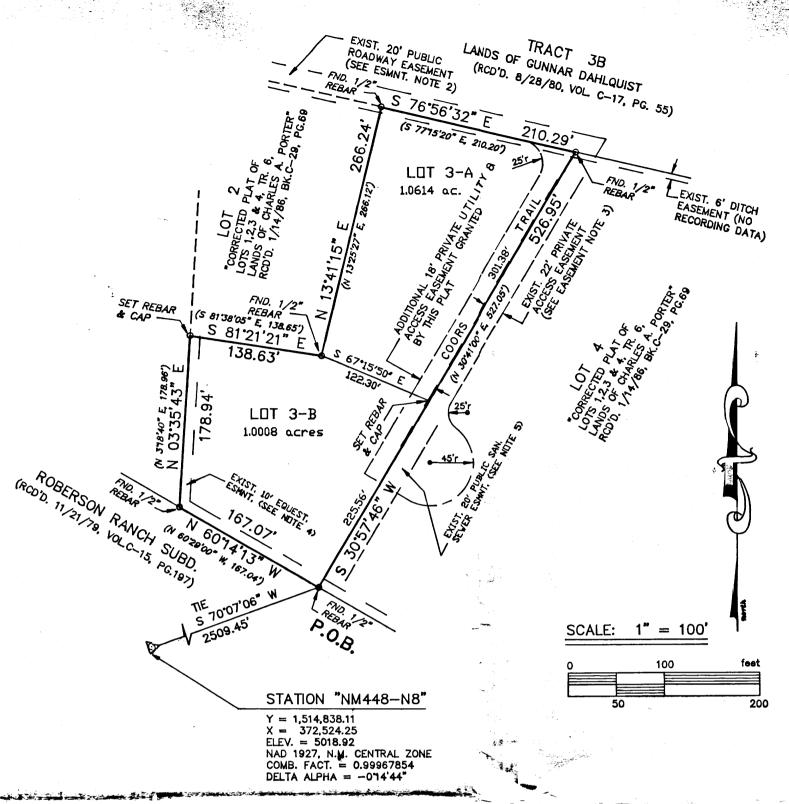
City of Albuquerque Water and Sanitary Sewer Service is currently not available to Lot 3-B. City water is not currently available to Lot 3-A, however City Sanitary Sewer Service may be available to Lot 3-A, and request for service must be verified and coordinated with the Public Works Dept., City of Abq...

NOTES REGARDING BERNALILLO COUNTY ENVIRONMENTAL HEALTH DEPT **REGULATIONS:**

- 1) An alternative on-site liquid waste disposal system designed by a sanitary and/or environmental engineer will be required if the most current on-site liquid waste disposal regulations can not be met at the time of installation.
- 2) No private liquid waste disposal system shall be allowed where public sewer is available.
- 3) Water supply system must meet the requirements outlined in the most current water supply regulations at the time of installation.
- 4) New Lots 3-A and 3-B shall be connected to City of Albuquerque Sanitary Sewer Service, if and when they become developed, by means of individual on-site pump systems. Request for connection must be verified and coordinated with the Public Works Dept., City of Albuquerque.

NOTE REGARDING DRAINAGE:

This property is within a 100-year flood plain as shown on the National Flood Insurance Program "Flood Insurance Rate Map". Any development of this property must conform to the Bernalillo County Flood Damage Prevention Ordinance. The property may be subject to the flood insurance requirements of the Federal Emergency Management Agency (FEMA). The Base Flood MSL elevation is 4981' per FEMA Map Panel No. 8 of 50. Development of these lots must have a finish floor elevation of 4981' or greater.



DISCLOSURE STATEMENT: The purpose of this plat is to divide Lot 3 into two parcels, and to expand the private access easement within Lot 3.

LEGAL DESCRIPTION: That certain tract of land situate within Section 19, Township 11 North, Range 3 East of the New Mexico Principal Meridian, Albuquerque, Bernalillo County, New Mexico, comprising Lot Three (3) as such lot is shown and designated on the plat titled "CORRECTED PLAT OF LOTS 1,2,3, & 4, TRACT 6, LANDS OF CHARLES A. PORTER", filed for record in the Office of the Bernalillo County Clerk on January 14, 1986 in C-29, page 69, and being more particularly described as follows:

BEGINNING at the southeast corner of the parcel herein described, a found 1/2" rebar, whence, the survey monument "NM 448-N8" bears \$ 70°07'06" W, 2509.45 feet distant; and running thence,

N 60°14'13" W, 167.07 feet to the southwest corner, a found 1/2" rebar; thence,

N 03°35'43" E, 178.94 feet to an angle point, a set rebar and cap #10466; thence,

S 81°21'21" E, 138.63 feet to an angle point, a found 1/2" rebar; thence,

N 13°41'15" E, 266.24 feet to the northwest corner, a found 1/2" rebar; thence,

\$ 76°56'32" E, 210.29 feet to the northeast corner, a found 1/2" rebar; thence,

\$ 30°57'46" W, 526.95 feet to the southeast corner and POINT OF BEGINNING. Containing 2.0622 acres, more or less, and now comprising Lots 3-A and 3-B,

(The above legal description employs New Mexico Coordinate System Grid bearings and ground distances.)

OWNER'S FREE CONSENT: The undersigned owners states that they are the owners of the land shown and described bereou in fee simple, and they hereby consent to the land split in the manner shown hereon and states that it is in accordance with their wishes and desires. Said owners hereby create and grant the private access easement shown hereon for the exclusive use of the current and future owners Lots 3 and 4.

OWNERS: THE MARTIN HAYNES AND CAROLE HAYNES TRUST Carole H. Haynes Contristee Martin Haynes, Co-trustee

ACKNOWLEDGEMENT:

State of New Mexico) County of Bernalillo) ss

On this day of day of , 19 , Martin J. Haynes and Carole H. Haynes did appear before me and execute this instrument as their free act and deed as co-trustees of the Martin Haynes and Carole Haynes Trust.

Notary Public My Commission Expires: 6/12/95

PLAT OF

LOTS 3-A & 3-B TRACT 6 OF LANDS OF CHARLES A. PORTER

(A LAND SPLIT OF LOT 3, TRACT 6, OF LANDS OF CHARLES A. PORTER)

BERNALILLO COUNTY, NEW MEXICO **ZONE ATLAS D-13 MARCH 1994**

APPROVALS: SUBDIVISION NO.:

D.R.B. CASE NO.: 94-16

was prepared by me or under my direct supervision; that it meets the Requirements for Land Surveying in New Mexico; that it meets the minimum requirements for monuments and surveys of the Albuquerque Subdivision Ordinance. and is true and correct to the best of my knowledge and belief.

SURVEYOR'S CERTIFICATION: I. Rex J. Vogler. New Mexico Professional Surveyor No. 10466, certifies that this plat and the field survey on which it is based

Rex J. Vogler, NM PS #10466 P.Q. BOX 7155 ABQ. NM 8719

PHOM ENSULAIMER

By approving this document, PNM does NOT waive or release any easement or easement rights which may he to been granted by prior plat, replat, or document.

Rcd'd. 7/28/94 Doc. # 94094916 94c-248

