



County of Bernalillo

State of New Mexico

2400 BROADWAY, S.E.
ALBUQUERQUE, NEW MEXICO 87102
PUBLIC WORKS (505) 848-1500

May 6, 1996

BOARD OF COUNTY COMMISSIONERS

ALBERT "AL" VALDEZ, CHAIRMAN

DISTRICT 2

KEN SANCHEZ, VICE CHAIR

DISTRICT 1

EUGENE M. GILBERT, MEMBER

DISTRICT 3

BARBARA J. SEWARD, MEMBER

DISTRICT 4

LES HOUSTON, MEMBER

DISTRICT 5

JUAN R. VIGIL, COUNTY MANAGER

DAVID K. ANDERSON, ASSESSOR

JUDY D. WOODWARD, CLERK

THOMAS J. MESSALL, PROBATE JUDGE

JOE BOWDICH, SHERIFF

H. R. FINE, TREASURER

Roger A. Paul, P.E.
Development Review Section
Bernalillo County Public Works Division
2400 Broadway SE
Albuquerque, New Mexico 87102

RE: CONCEPTUAL GRADING AND DRAINAGE PLAN FOR LOS PUENTES, (L11/D18) (PWD 96-52) SUBMITTED FOR SITE DEVELOPMENT PLAN FOR SUBDIVISION APPROVAL, ENGINEER'S STAMP DATED 4/3/96.

Dear Roger:

Since the above referenced case is a subdivision, the County will take the lead with respect to review and approval of this project. I have reviewed the submittal and find that it is acceptable with respect to all floodplain issues.

All of this property is within a FEMA floodplain, therefore the property owners will be subject to insurance requirements of the National Flood Insurance Program. Insurance rates are based on the elevation of the finish floor with respect to the given base flood elevation (bfe). In this case, the proposed floor elevations are to be only half a foot above the bfe. I would recommend that the engineer raise the floor elevation to a foot above the bfe in order to decrease the cost of the insurance premiums for the property owners. This is only a suggestion, not a requirement.

If you should have any questions, please call me at 768-2666.

Sincerely,

A handwritten signature in cursive script, reading "Susan Calongne".

Susan M. Calongne, P.E.

City/County Floodplain Administrator

c: John MacKenzie, Mark Goodwin & Associates

File A small, handwritten mark resembling a stylized "D" or a checkmark, located next to the word "File".

CASE #

(F.P.)

PWD - 96 - 52

L-11, L.A, B, C, D & E SADIE GRIEGO SUBDIVISION

DRAN-_____

DRE - X

INSP - X

PLAN - X

Original F.P.A.
4-5-96 4-5-96

DUE DATE

24 - APR - 96

APR 26 1996

BERNALILLO COUNTY



PERMIT APPLICATION

☒ NEW SUBMITTAL

☐ RESUBMITTAL

TODAY'S DATE: 4/3/96

PWD (Use for all PWD permits EXCEPT Street Excavation)

CASE NO: 7000-AL-52

OWNER

OWNER	Bernalillo County	PHONE	768 6800
MAILING ADDRESS	620 Lomas NW	CITY	Alb ZIP 87102

AGENT

AGENT / CONTRACTOR	Mark Goodwin & Assoc	PHONE	345-2010
MAILING ADDRESS	Box 90606	CITY	Alb ZIP 87199
STATE LICENSE NO	EXP DATE	VOLUME	CLASS
ARCHITECT/ENGINEER	LICENSE NO. 11619	PHONE	

SITE INFORMATION

SITE ADDRESS and/or DIRECTIONS:		ZONE ATLAS NO.:
Bridge Blvd (south side) between Arenal Canal and Atrisco Rd.		L-11
LEGAL DESCRIPTION: Lots A, B, C, D & E Sadie Gariego Subd.		
UNIFORM PROPERTY CODE (UPC No.):	PROPERTY SIZE IN ACRES:	7.18
EXISTING BUILDING(S) AND USE: none		
PROPOSED BUILDING(S): 26 dwellings		

TYPE OF SUBMITTAL

- | | |
|--|--|
| ☐ REPLAT | ☐ TRAFFIC IMPACT ANALYSIS / TRAFFIC STUDY |
| ☐ MINOR SUBDIVISION | ☐ INFRASTRUCTURE LIST / DESIGN REVIEW |
| ☐ MAJOR SUBDIVISION | ☐ SPECIAL USE PERMIT |
| ☐ CONSTRUCTION DRAWINGS | ☐ BARRICADING PERMIT |
| ☒ GRADING & DRAINAGE PLAN (conceptual) | ☐ BUILDING PERMIT |
| ☐ AS-CONSTRUCTED GRADING & DRAINAGE PLAN | ☐ INSPECTION |
| ☐ VARIANCE REQUEST | ☐ OTHER (Specify): |
| ☐ LAND DIVISION | |

The issuance of a permit or a review or approval of plan specifications, computations, and shop drawings, shall not be interpreted to be a permit for, or an approval of any variance or violation of any of the provisions of any COUNTY or STATE codes, ordinances, standards, or policies. Nor shall such issuance of a permit or approval of plans, specifications, computations, and shop drawings prevent any authorized COUNTY representative or COUNTY inspector from thereafter requiring the correction of errors in said plans, specifications, computations, or shop drawings or from stopping construction operations which are being carried on thereunder when in violation of any COUNTY or STATE codes, ordinances, standards, or policies.

☐ Owner ☒ Agent ☐ Contractor

Signature

John M. MacKenzie

Date

4/3/96

COUNTY

BERNALILLO COUNTY USE ONLY	
C/R's: CSU-AL-11	TOTAL FEE:
	Receipt No.:
	Received By:

APR 26 1996

CALCULATED BY _____ DATE _____

CHECKED BY _____ DATE _____

SHEET NO. _____ OF _____

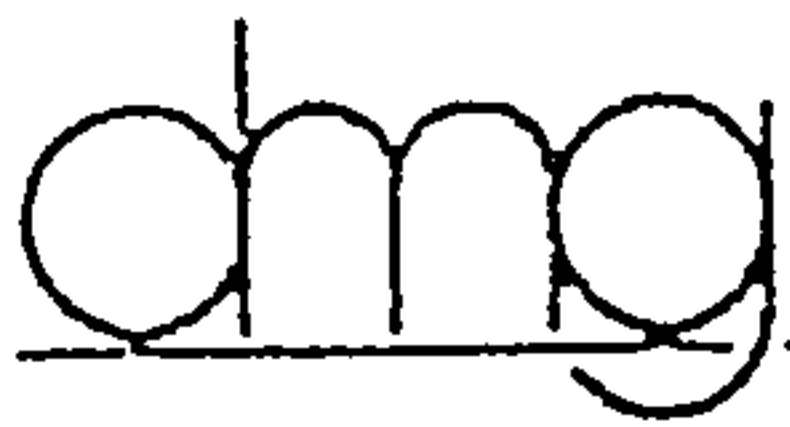
CLIENT _____ PROJECT NO. _____

PROJECT _____

SUBJECT PWD - 96 - 52

1. HOW ARE OFFSITE FLOWS MITIGATED?
ARE THEY ROUTED THROUGH POND?
2. HAS THE ENGINEER CONSIDERED THE
POTENTIAL PLUGGING OF THE 12" RCP
CULVERTS RUNNING INTO PONDING AREA?
HOW WILL FLOWS BE MITIGATED IN THE
EVENT THAT THIS HAPPENS?
3. VERIFY THE AVAILABLE CAPACITY
WITHIN THE BRIDGE ST. STORM DRAIN
SYSTEM. HISTORICALLY FLOWS FROM
THIS SITE ARE NOT RELEASED INTO
THIS SYSTEM.
4. THE ISSUE OF MAINTENANCE FOR
THE PONDING AREA? ADDRESS
5. APPEAR TO BE STRUCTURAL COVER
CONCERNS WITH THE AMOUNT OF
PONDING AND THE PROXIMITY OF THE
BUILDING PADS.
6. SITE LAYOUT INCLUDING INTERIOR ROAD
AND APPARENT VACATION OF
EXISTING EASEMENTS — CHECK WITH
GODIE L.
7. APPEARS TO PROVIDE PONDING VOLUME
ON ROADWAY — NOT ~~RECOMMENDED~~ RECOMMENDED.





D. Mark Goodwin & Associates, P.A.
Consulting Engineers and Surveyors

PROJECT Las Puente
SUBJECT Drainage
BY JMM DATE 3/25/96
CHECKED _____ DATE _____
SHEET 1 OF _____

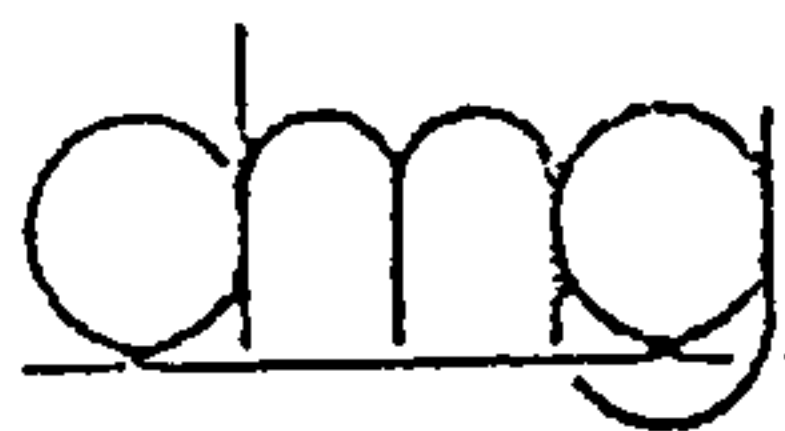
Existing On-Site Flooding From 100 Year Event

	Elev. (ft)	Area (S.F.)	Avg. Area (S.F.)	Depth (Ft.)	Vol. (c.F.)
Area I	38.80	0	25,720	0.20	5144
	39.00	51,440			
Area II	38.90	0	2880	0.1	288
	39.00	5760			
Area III	39.00	57,200	151,500	1.0	151,500
	40.00	245,801			
total					
Volume					156,932 CF

FEMA FLOOD PLAIN ELEV. = 4940.0

Because this site is with a FEMA flood plain, the total volume during the 100 year storm must be provided for in on-site ponding areas below elevation 4940.0. In addition, the ponding areas must accommodate runoff generated on site due to development in excess of the existing

APR 26 1996



generated. From AHYMO, existing on-site runoff volume has been estimated to be 0.6251 Ac.Ft. After development, the site will generate 0.785 Ac.Ft., for a net increase of 0.160 Ac.Ft. or 6,965 cu. ft. This will be added to 156,932 CF to determine the total storage space necessary beneath elevation 4940.0

$$\text{Total Req'd Storage} = 163,897 \text{ cu. ft.}$$

Ponding areas have been created on site covering an area of 80,915 sq. ft. At a depth of 2", a volume of 16,830 cu. ft. is provided in these ponding areas. Incidental storage is also provided in the streets to cover the short fall.

Existing conditions predicted by AHYMO indicate 21.34 cfs of runoff is generated on site. Discharge will be throttle to this rate by the controlled outfall. Developed flow will total 23.7 cfs.

_____ Max Water Surface 40.00



24" RCP

$$h = 1.5 \quad a = 3.14 \text{ ft}^2$$

Pond Bottom 37.5

$$Q = C(a) \sqrt{2gh}$$

$$Q = (1.8)(3.14) \sqrt{2g(1.5)}$$

$$Q = 24.6 \text{ cfs}$$

$\frac{1}{\rho} = \frac{1}{\rho_0} + \frac{\alpha}{\rho_0^2} T$

THE UNIVERSITY OF CHICAGO

***** FUENTES SUBDIVISION

APRCH 199E

Q4107011 TYPE=1 RAIN QUALIFIER= 10 10
Q4107012 RAIN QUALIFIER= 10 10
Q4107013 RAIN QUALIFIER= 10 10

COMPUTED 24-HOUR RAINFALL DISTRIBUTION BASED ON NOAA ATLAS 14

DT =	1.000000	1.000000	1.000000	END TIME =	7.994000	7.994000
.0000	.0015	.0030	.0045	.0060	.0075	.0090
.0111	.0126	.0141	.0156	.0171	.0186	.0201
.0243	.0258	.0273	.0288	.0303	.0318	.0333
.0405	.0420	.0435	.0450	.0465	.0480	.0495
.0617	.0632	.0647	.0662	.0677	.0692	.0707
.1272	.1287	.1302	.1317	.1332	.1347	.1362
.1983	.2003	.2023	.2043	.2063	.2083	.2103
1.5991	1.6011	1.6031	1.6051	1.6071	1.6091	1.6111
1.6797	1.6817	1.6837	1.6857	1.6877	1.6897	1.6917
2.0154	2.0174	2.0194	2.0214	2.0234	2.0254	2.0274
2.0487	2.0507	2.0527	2.0547	2.0567	2.0587	2.0607
2.0740	2.0760	2.0780	2.0800	2.0820	2.0840	2.0860
2.0951	2.0971	2.0991	2.1011	2.1031	2.1051	2.1071
2.1134	2.1154	2.1174	2.1194	2.1214	2.1234	2.1254
2.1295	2.1315	2.1335	2.1355	2.1375	2.1395	2.1415
2.1441	2.1461	2.1481	2.1501	2.1521	2.1541	2.1561
2.1573	2.1593	2.1613	2.1633	2.1653	2.1673	2.1693
2.1695	2.1715	2.1735	2.1755	2.1775	2.1795	2.1815
2.1809	2.1829	2.1849	2.1869	2.1889	2.1909	2.1929
2.1916	2.1936	2.1956	2.1976	2.1996	2.2016	2.2036
2.2015	2.2035	2.2055	2.2075	2.2095	2.2115	2.2135
2.2110	2.2130	2.2150	2.2170	2.2190	2.2210	2.2230
2.2200	2.2220	2.2240	2.2260	2.2280	2.2300	2.2320
2.2285	2.2305	2.2325	2.2345	2.2365	2.2385	2.2405
2.2355	2.2375	2.2395	2.2415	2.2435	2.2455	2.2475
2.2444	2.2464	2.2484	2.2504	2.2524	2.2544	2.2564

EXISTING ON-SITE CONDITIONS WITHIN 1/4 MILE RADIUS SITE

COMPLETE Y* BYD 1D=1 BYD NO=101.1 AFEP=0.0112 CM MI
PER A=0 PER B=0 PER C=100 PER D=0
TP=0.1012 UR MASS PAIRFCI .=-1

W. : 10650 3407 TP = 500040 1000000 = 799777 1000000

UNIT PEAK = 32.445 CFS UNIT VOLUME = 1.04653 INCHES

P60 = 1.9300

AREA = .011200 SQ MI TA = 35000 INCHES NF = .93700

INCHES PER HOUR

RUNOFF COMPUTED BY INITIAL ABSTRACTED INFILTRATION NUMBER METHOD

= .0033300

PRINT HYD

ID=1 CODE=1

PARTIAL HYDROGRAPH = 1.10

RUNOFF VOLUME = 1.04653 INCHES = .0251 ACRES-FEET

PEAK DISCHARGE RATE = 21.24 CFS AT 1.499 HOURS BASIN AREA =

0117 SQ MI

***** PROPOSED CONDITIONS CH-SITE

COMPUTE NM HYD ID=2 HYD NF=101.0 AREA=0.117 SQ MI

PER A=0 PER B=70 PER C=31 PER D=25

TP=0.1335 HR VARI PARAMETER=1

K = .072645HR TF = .111300-HR TO GET = .17-30.0 SHAPE

CONSTANT, K = 7.105400

UNIT PEAK = 17.245 CFS UNIT VOLUME = .9997 B = 525.28

P60 = 1.9700

AREA = .004368 SQ MI TA = .10000 INCHES NF = .04000

INCHES PER HOUR

RUNOFF COMPUTED BY INITIAL ABSTRACTED INFILTRATION NUMBER METHOD - DT

= .0030510

K = .112582HR TF = .112582-HR TO GET = .11-9.9 SHAPE

CONSTANT, K = 2.955301

UNIT PEAK = 18.152 CFS UNIT VOLUME = .9997 B = 524.12

P60 = 1.9700

AREA = .004368 SQ MI TA = .10000 INCHES NF = .04000

INCHES PER HOUR

RUNOFF COMPUTED BY INITIAL ABSTRACTED INFILTRATION NUMBER METHOD - DT

= .0030510

PRINT HYD

ID=2 CODE=1

PARTIAL HYDROGRAPH = 1.10

RUNOFF VOLUME = 1.04653 INCHES = .0251 ACRES-FEET

PEAK DISCHARGE RATE = 21.24 CFS AT 1.499 HOURS BASIN AREA =

0117 SQ MI

FINISH

NORMAL PROGRAM FINISH

END OF PROGRAM = 01130116

Los Puente PWD 96-52 - letter to RAP
Recommend raising house pads for insurance
make FF $\geq 1'$ + Bfe

LETTER OF TRANSMITTAL



D. Mark Goodwin & Associates, P.A.
Consulting Engineers & Surveyors

P.O. BOX 90606, ALBUQUERQUE, NM 87199
(505) 345-2010

TO Bernalillo County Flood Plain
Administrator

DATE	9-5-97	JOB NO.	96027
ATTENTION	Susan Colongne		
RE:	LOMR for L-11/D18 PWD 96-52 Los Puentes Subdivision		

WE ARE SENDING YOU ☒ Attached ☐ Under separate cover via _____ the following items:

- | | | | | |
|---|---------------------------------------|--------------------------------|----------------------------------|---|
| ☐ Shop drawings | ☐ Prints | ☐ Plans | ☐ Samples | ☐ Specifications |
| ☐ Copy of letter | ☐ Change order | ☐ _____ | | |

COPIES	DATE	NO.	DESCRIPTION
			Lomr Request (2 copies)

THESE ARE TRANSMITTED as checked below:

- | | | |
|--|---|---|
| ☐ For approval | ☐ Approved as submitted | ☐ Resubmit _____ copies for approval |
| ☐ For your use | ☐ Approved as noted | ☐ Submit _____ copies for distribution |
| ☒ As requested | ☐ Returned for corrections | ☐ Return _____ corrected prints |
| ☐ For review and comment | ☐ _____ | |
| ☐ FOR BIDS DUE _____ 19 _____ ☐ PRINTS RETURNED AFTER LOAN TO US | | |

REMARKS Please Forward to FEMA promptly with your endorsement.

[Signature] 9/5/97

COPY TO Decker/Parish &
Bernalillo Co. Housing Dept.

SIGNED:

[Signature]



County of Bernalillo

State of New Mexico

2400 BROADWAY, S.E.
ALBUQUERQUE, NEW MEXICO 87102
PUBLIC WORKS (505) 848-1500

BOARD OF COUNTY COMMISSIONERS

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THOMAS J. MESCALL, PROBATE JUDGE
JOE BOWDICH, SHERIFF
H. R. FINE, TREASURER

Date: 24-MAY-96

Subject: Submittal

Case No.: PWD-96-52

Zone Map No.: L-11

Street Address: BRIDGE STREET SW

Legal Description: TR A B C D & E SADIE GRIEGO SUBDIVISION

Name of Applicant: Bern County Housing

Dear Applicant:

Bernalillo County Public Works Department will require **TWO WEEKS** for **review and comment of submittal and resubmittals**, and **ONE WEEK** for **final review and plat sign-off**. Major submittals may require more than two weeks for review and comment.

The issuance of a permit or a review or approval of plan specifications, computations, and shop drawings shall not be interpreted to be a permit for or an approval of any variance or violation of any of the provisions of any County or State codes, ordinances, standards, or policies. Nor shall such issuance of a permit or approval of plans, specifications, computations, and shop drawings prevent any authorized County representative or County inspector from thereafter requiring the correction of errors in said plans, specifications, computations, or shop drawings or from stopping construction operations which are being carried on thereunder when in violation of any County or State codes, ordinances, standards, or policies.

Review of construction plans, specifications, computations, and shop drawings is only for general conformance with the design concept of the project and general compliance with the plans and specifications and shall not be construed as relieving the Contractor, Land Divider, Subdivider, Engineer/Surveyor, or applicant of the full responsibility for: providing materials, equipment, and work required by the contract; the proper fitting and construction for the work; the accuracy and completeness of the submittal; selecting fabrication processes and techniques of construction; and performing the work in a safe manner.

REV 4-22-91 BR

COUNTY OF BERNALILLO

APPLICATION FOR CASE REVIEW

Please complete pages one and two of this application for review of your case. Submit THREE blueines of plat, drawings, or information with case submittals and THREE blueines of plat, drawings, or information along with the original mylar for final sign-off applications. Submit a County Zone Atlas Map with subject property marked on the map. If a Grading and Drainage plan is not included with a land division, replat, or conceptual plan, please submit one 8.5"x11" photocopy of a USGS quad map with the subject property superimposed.

NOTE: INCOMPLETE APPLICATIONS WILL BE RETURNED WITHOUT REVIEW.

1. APPLICANT INFORMATION:

a. Applicant is (check one):

☒ OWNER ☐ SURVEYOR ☐ AGENT
☐ ENGINEER ☐ DRAINAGE ENGINEER

b. Date of this application: 03-APR-96

c. Signature of applicant:

(print) _____ (sign) _____

d. OWNER: Bernalillo County Housing
620 Lomas NW
Albuquerque, NM 87102

PHONE: 764-6800

e. AGENT: Mark Goodwin & Assoc.
PO Box 90606
Albuquerque, NM 87199

PHONE: 505-828-2206

f. OTHER (specify): Mark Goodwin & Assoc.
PO Box 90606
Albuquerque, NM 87199

PHONE: 505-828-2206

2. TYPE OF SUBMITTAL (check one):

☐ REPLAT
☐ LAND DIVISION (MINOR SUBDIVISION)
☐ MAJOR SUBDIVISION
☐ CONSTRUCTION DRAWINGS
☒ GRADING/DRAINAGE PLAN
☐ AS-CONSTRUCTED GRADING/DRAINAGE PLAN
☐ VARIANCE REQUEST
☐ TRAFFIC IMPACT ANALYSIS/TRAFFIC STUDY
☐ INFRASTRUCTURE LIST/DESIGN REVIEW FEE
☐ OTHER (specify): _____

County of Bernalillo

Your: ☒ submittal of drainage information
 ☐ resubmittal of drainage information

is: ☐ approved.
 ☐ approved with comments/conditions.
 ☐ disapproved.
 ☒ deferred to County Floodplain Administrator

TO BE FILLED OUT BY
COUNTY PUBLIC WORKS
DEPARTMENT ONLY

Case review comments are:

☒ attached.
☐ not attached.
☐ not attached. See remarks below.

Resubmittal is:

☐ not required.
☒ required. When resubmitting, please use Resubmittal Form.

Please submit:

☒ grading/drainage plan with revisions.
☐ as-constructed grading/drainage plan.
☐ other: _____

It is required that:

☐ Bernalillo County Public Works Department inspect improvements prior to final sign-off of plat.
☐ Bernalillo County Public Works Department signature line be placed on plat.

Remarks: _____

Mark Hardwin, PE 9/2/96

Molzen-Corbin & Assoc., for
County Surface Water Hydrologist
Bernalillo County Public Works Department

cc: ☐ Sandia Heights Homeowners Association
 ☒ Owner: *Bernalillo County*
 ☒ Agent: *Mark Hardwin & Associates*
 ☒ Case File: *PWD-96-52*
 ☒ Susan Calongne, County Floodplain Administrator, COA
 ☒ Molzen-Corbin & Associates
 ☐ Other: _____

BERNALILLO COUNTY PUBLIC WORKS DEPARTMENT
CASE FILE COMMENTS

CASE NO: PWD-96-52

ZONE MAP NO.: L-11

REFERENCE CASES:

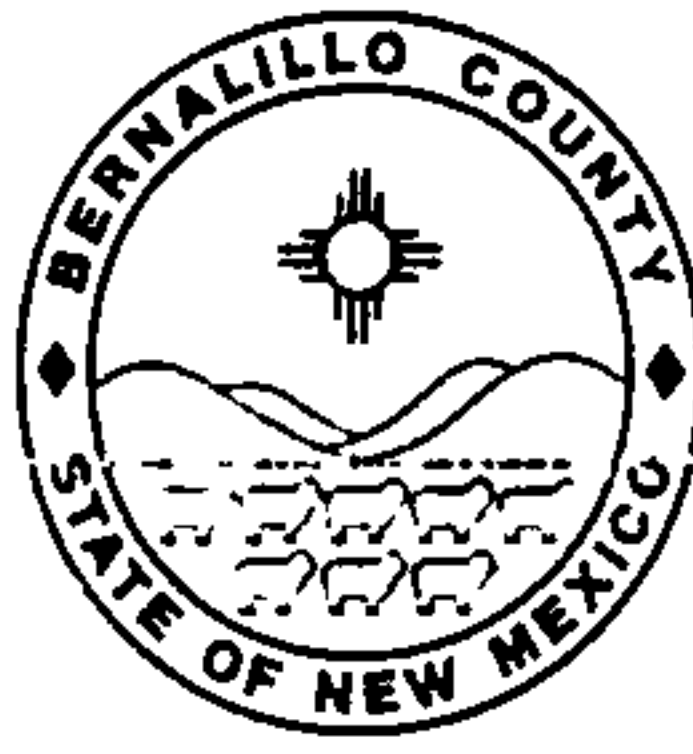
STREET ADDRESS: BRIDGE STREET SW

LEGAL DESCRIPTION: TR A B C D & E SADIE GRIEGO SUBDIVISION

COMMENTS OF:

- 03-APR-96 DRAN:
1. There appear to be offsite flows which impact this site from the west. How does the engineer proposed to mitigate the offsite runoff? Please address this issue.
 2. Has the engineer considered the potential plugging of the proposed 12" RCP culverts draining into the ponding areas? How will flows be mitigated in the event that this happens? Please verify.
 3. Please verify the available capacity within the Bridge Blvd. storm drain system. It appears that historically flows from this site are not released into this system. Did the design of the system take into account runoff from this site? Please provide complete analysis or supporting documentation.
 4. Each pond shall have a designated private drainage/access easement or drainage covenant that assures the public sector the right to maintain the facility if required by emergency or non-maintenance by the property owner.
 5. How does the developer propose to maintain the proposed amount of ponding and the proximity of the building pads. Has this been addressed? Also, please show all proposed contours.
 6. There appear to be structural concerns with the proposed amount of ponding and the proximity of the building pads. Has this been addressed? Also, please show all proposed contours.
 7. The engineer appears to be providing for storage of runoff within the streets. How will maintenance of these areas be handled? It is not recommended to provide for ponding within traveled roadways.
 8. Please coordinate with Eddie Losinski on the proposed site layout for the subdivision particularly for the interior roadway and the apparent vacation of existing easements. (848-1517)
 9. Please reference the attached letter from Susan Calongne (City/County Floodplain Administrator) for any issues concerning the FEMA floodplain which impacts this site.

RAL
5/24/96



County of Bernalillo

State of New Mexico

2400 BROADWAY, S.E.
ALBUQUERQUE, NEW MEXICO 87102
PUBLIC WORKS (505) 848-1500

May 6, 1996

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Roger A. Paul, P.E.
Development Review Section
Bernalillo County Public Works Division
2400 Broadway SE
Albuquerque, New Mexico 87102

RE: CONCEPTUAL GRADING AND DRAINAGE PLAN FOR LOS PUENTES, (L11/D18) (PWD 96-52) SUBMITTED FOR SITE DEVELOPMENT PLAN FOR SUBDIVISION APPROVAL, ENGINEER'S STAMP DATED 4/3/96.

Dear Roger:

Since the above referenced case is a subdivision, the County will take the lead with respect to review and approval of this project. I have reviewed the submittal and find that it is acceptable with respect to all floodplain issues.

All of this property is within a FEMA floodplain, therefore the property owners will be subject to insurance requirements of the National Flood Insurance Program. Insurance rates are based on the elevation of the finish floor with respect to the given base flood elevation (bfe). In this case, the proposed floor elevations are to be only half a foot above the bfe. I would recommend that the engineer raise the floor elevation to a foot above the bfe in order to decrease the cost of the insurance premiums for the property owners. This is only a suggestion, not a requirement.

If you should have any questions, please call me at 768-2666.

Sincerely,


Susan M. Calongne, P.E.

City/County Floodplain Administrator

c: John MacKenzie, Mark Goodwin & Associates
File

IMPORTANT MESSAGE

FOR

Susan

DATE

TIME

A.M.
P.M.

WHILE YOU WERE AWAY

M

Enrique Aguilar

OF

BC Housing Div

PHONE NO.

764-6800

TELEPHONED

RET'D YOUR CALL

PLEASE CALL

URGENT

WILL CALL AGAIN

WANTS
TO SEE YOU

MESSAGE

tr Don Montoya

Some FF

Cost for Clomr/Lomr?

\$ 10,000

SIGNED

Bernalillo County Housing Department

620 Lomas Blvd. N.W.
Albuquerque, New Mexico 87102
(505) 764-6800
FAX (505) 764-6809



FAX TRANSMITTAL FORM

DATE: 10-2-96

FAX NUMBER: 268-3629

TO: Linda

FROM: Emergence C. Aguilar

Susan Calonge

DEPT: _____

DEPT: _____

COMMENTS: FEMA MAPS -

NO. OF PAGES IN THIS TRANSMITTAL: _____



D. Mark Goodwin & Associates, P.A.
Consulting Engineers and Surveyors
P.O. BOX 90606, ALBUQUERQUE, NM 87199
(505) 345-2010

RECEIVED**OCT 01 1996****Dekker/Perich & Assoc., P.A.**

September 27, 1996

Mr. Ron Witherspoon
Dekker/Perich & Associates
6501 Americas Parkway, NE
Albuquerque, NM 87110

Re: Los Puentes Subdivision

Dear Mr. Witherspoon:

Pursuant to a request by Mr. Don Montoya of the Bernalillo County Housing Authority, I am providing this update on the drainage situation at the referenced property. This report has been delayed pending the issuance of new maps by the Federal Emergency Management Agency (FEMA).

As you know, the subject site is encumbered by a FEMA-designated Special Flood Hazard Area (SFHA) from a Flood Insurance Rate Map (FIRM), dated 10/14/83.

On September 20, 1996, FEMA issued new FIRMs that have now been distributed by the local Floodplain Administrator. These revised maps reflect the interception of flow from the West Mesa by the Arroyo del Norte channel, built approximately 6 years ago. However, these new maps did not remove the SFHA from the referenced site. The Floodplain Administrator has been asked why the on-site SFHA has not been removed since it appeared the path of runoff formerly contributing to the Valley basin has been diverted upstream. She replied yesterday, indicating the on-site SFHA was created by precipitation falling only in the Valley and not from the West Mesa runoff.

Removal of the SFHA from the subject site will require first a Conditional Letter of Map Revision (CLOMR), and then a final Letter of Map Revision (LOMR) issued by FEMA. Depending on what unknowns are discovered during preparation of the CLOMR submittal, we will anticipate the process to take up to six months to complete. The County Public Works Department may allow the preliminary plat process to move forward with a financial guarantee (or a written commitment by the County since it involves a public project) to complete the LOMR. As the preliminary plat proceeds through the hearing process, its final approval may be conditional to assure LOMR completion.

10/02/96

14:51

BERNALILLO CO. HOUSING DEPT.

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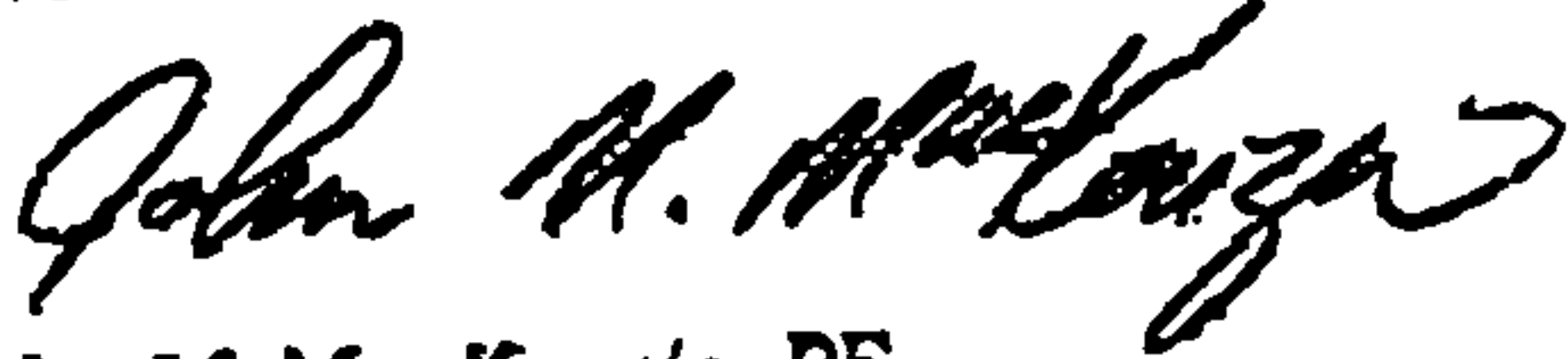
Mr. Ron Witherspoon
September 27, 1996
Page 2

We estimate the cost of performing this additional work to be \$10,000, excluding FEMA application and review fees.

If I can be of further assistance please contact me.

Sincerely,

MARK GOODWIN & ASSOCIATES, P.A.



John M. MacKenzie, PE

JMM/sb

b:\puentes\fermex.ltr

D. MARK GOODWIN & ASSOCIATES, PA

CONSULTING ENGINEERS AND SURVEYORS

P.O. BOX 90606

ALBUQUERQUE, NM 87199

(505) 345-2010

PHONE & FAX

***** FAX TRANSMITTAL SHEET *****DATE: *April 25, 1996*TO: *Susan Calogne
Planning*FAX NUMBER: *(505) 768-3629*REGARDING: *Los Puentes*FROM: *John M. MacKenzie PE*NUMBER OF PAGES: 2
*(Including fax transmittal sheet)*HARD COPY TO FOLLOW: YES ☐ NO ☐***** If there are any problems with this fax please contact Susan at 345-2010. *****

MESSAGE:

DRAINAGE INFORMATION SHEETPROJECT TITLE: Los Puentes ZONE ATLAS/DRNG, FILE#: L-11/118

DRB #: _____ EPC #: _____ WORK ORDER #: _____

LEGAL DESCRIPTION: Lots A, B, C, D & E, Sadio Griego Subdivision

CITY ADDRESS: _____

ENGINEERING FIRM: Mark Goodwin & Associates PA CONTACT: JOHN MACKENZIEADDRESS: PO Box 90606 PHONE: 345-2010OWNER: Bernalillo County CONTACT: Enrique AguilarADDRESS: 620 Lomas NW PHONE: 764-6800ARCHITECT: Dekker / Perich CONTACT: Lori WeberADDRESS: 6501 Americas Parkway PHONE: 888-3111

SURVEYOR: _____ CONTACT: _____

ADDRESS: _____ PHONE: _____

CONTRACTOR: _____ CONTACT: _____

ADDRESS: _____ PHONE: _____

TYPE OF SUBMITTAL:**CHECK TYPE OF APPROVAL SOUGHT:**

- ☐ DRAINAGE REPORT
☐ DRAINAGE PLAN
☒ CONCEPTUAL GRADING & DRAINAGE PLAN
☐ GRADING PLAN
☐ EROSION CONTROL PLAN
☐ ENGINEER'S CERTIFICATION
☐ OTHER

- ☐ SKETCH PLAT APPROVAL
☐ PRELIMINARY PLAT APPROVAL
☒ S. DEV. PLAN FOR SUB'D APPROVAL
☐ S. DEV. PLAN FOR BLDG PERMIT APPROVAL
☐ SECTOR PLAN APPROVAL
☐ FINAL PLAT APPROVAL
☐ FOUNDATION PERMIT APPROVAL
☐ BUILDING PERMIT APPROVAL
☐ CERTIFICATION OF OCCUPANCY APPROVAL
☐ GRADING PERMIT APPROVAL
☐ PAVING PERMIT APPROVAL
☐ S.A.D. DRAINAGE REPORT
☐ DRAINAGE REQUIREMENTS
☐ OTHER _____ (Specify)

PRE-DESIGN MEETING:

- ☐ YES
☒ NO
☐ COPY PROVIDED

DATE SUBMITTED: 4/11/96BY: John M. MacKenzie
John M. MacKenzie PE