

DRAINAGE INFORMATION SHEET

PROJECT TITLE: FEMA MAP AMENDMENT ZONE ATLAS/DRNG. FILE #: F-22/R 11B

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

LEGAL DESCRIPTION: LOT(3) DAMSHORE TOWNHOUSES, HOLIDAY PARK PARTS 7&8 A REPLAT OF TRACT A-4-A, NEW

CITY ADDRESS: 11225-C PASEO DEL OSO N.E.

ENGINEERING FIRM: C. ROBERT WOLFE CONTACT: BOB WOLFE

ADDRESS: 2730-H SAN PEDRO N.E. PHONE: (505) 881-1436

OWNER: MARJORIE E. RABEL CONTACT: fax-884-3498

ADDRESS: 11225-C PASEO DEL OSO N.E. PHONE: (505) 275-1602

ARCHITECT: _____ CONTACT: _____

ADDRESS: _____ PHONE: _____

SURVEYOR: _____ CONTACT: _____

ADDRESS: _____ PHONE: _____

CONTRACTOR: _____ CONTACT: _____

ADDRESS: _____ PHONE: _____

TYPE OF SUBMITTAL:

- DRAINAGE REPORT
- DRAINAGE PLAN
- CONCEPTUAL GRADING & DRAINAGE PLAN
- GRADING PLAN
- EROSION CONTROL PLAN
- ENGINEER'S CERTIFICATION
- OTHER REQ'D. DATA FOR FEMA
MAP AMENDMENT
(2 COPIES EACH)

PRE-DESIGN MEETING:

- YES
- NO
- COPY PROVIDED

CHECK TYPE OF APPROVAL SOUGHT:

- 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
- CERTIFICATE OF OCCUPANCY APPROVAL
- GRADING PERMIT APPROVAL
- PAVING PERMIT APPROVAL
- S.A.D. DRAINAGE REPORT
- DRAINAGE REQUIREMENTS
- SUBDIVISION CERTIFICATION
- OTHER FEMA MAP AMENDMENT (SPECIFY)
LOMA

DATE SUBMITTED: 10-22-96

BY: C. Robert Wolfe



Federal Emergency Management Agency

Region VI
Federal Regional Center
800 North Loop 288
Denton, TX 76201-3698

MT

May 23, 1996
IN REPLY REFER TO:
T-218-65-RS

Ms. Susan Calongne, P.E.
City/County Floodplain Administrator
P. O. Box 1293
Albuquerque, New Mexico 87102

Dear Ms. Calongne:

This is in reference to a letter dated March 20, 1996, from Ms. Marjorie Rabel, requesting that the Federal Emergency Management Agency (FEMA) determine whether the following property is located in a Special Flood Hazard Area (SFHA), an area that would be inundated by the 100-year (1-percent annual chance) flood. This property has been elevated by the placement of fill.

Property Description:	Lot 3, Dam Shore Townhouses, a replat of Tract A-4-A, New Holiday Park, Parts 7 and 8, as the same is shown and designated on said replat filed in the office of the County Clerk of Bernalillo County, NM on April 6, 1988, Plat Volume C-36, Folio 59
Street Address:	11225-C Del Paseo Oso, NE
Community:	Albuquerque
State:	New Mexico
Community Number:	350002
Flooding Source:	Juan Tabo Dam

On May 20, 1996, we received all information necessary to process this request. After comparing this information with the National Flood Insurance Program (NFIP) map for your community, we determined that, although portions of the property would be inundated by a 100-year flood, the existing structure on the property would not. Therefore, this letter revises the map for Albuquerque, New Mexico (NFIP Map Number 350002, Panel 0018C, dated October 14, 1983) to remove the structure from the SFHA. Because portions of the property are in the SFHA, any future construction or substantial improvement on the property remains subject to Federal, State, and local regulations for floodplain management.

Even though this property is not included in an SFHA, it could be inundated by a flooding event of greater magnitude than the base flood. In fact, more than 25 percent of all losses in the NFIP occur to structures located outside the SFHA in Zones B, C, or X. More than 25 percent of all policies purchased under the NFIP protect structures located in these zones. This clearly illustrates that there is a risk of flooding in non-SFHAs. That risk is just not as great as the flood risk to structures located in SFHAs. To offer flood insurance protection to owners of such structures, the NFIP offers two types of flood insurance. Property owners should discuss their individual flood risk situation and insurance needs with their insurance agent or company before making a final decision regarding flood insurance coverage. Also, although we have based our determination on the flood information presently available, flood conditions may change or new information may be generated that could supersede this determination.

A copy of this Letter of Map Revision is being sent to your community's official NFIP map repository (if not your office) where, in accordance with regulations adopted by your community when it made application to join the NFIP, it should be attached to the community's official record copy of the NFIP map which is available for public inspection.

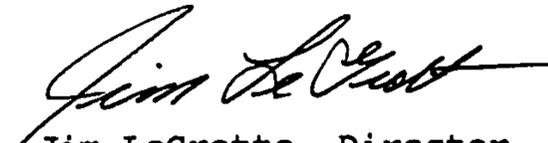
In order to ensure continued eligibility to participate in the NFIP, your community must enforce its floodplain management regulations using, at a minimum, the flood elevations and zone designations shown on your community's NFIP map, including the revision effected by this letter. This response to your request is based on the minimum criteria established by the NFIP. State and community officials, based on knowledge of local conditions and in the interest of public safety, may set higher standards for construction in the floodplain. If the State of New Mexico or your community have adopted more restrictive and comprehensive floodplain management criteria, these criteria take precedence over the minimum Federal criteria.

This revision has been made pursuant to Section 206 of the Flood Disaster Protection Act of 1973 (P.L. 93-234) and is in accordance with the National Flood Insurance Act of 1968, as amended (Title XIII of the Housing and Urban Development Act of 1968, P.L. 90-448) 42 U.S.C. 4001-4128, and 44 CFR Part 65.

This revision is effective as of the date of this letter. However, a request for reconsideration may be made within 30 days. Any requests for reconsideration must be based on scientific or technical data.

If you have any questions or if we can be of further assistance, please call Vicky Carter at (817) 898-5333.

Sincerely,



Jim LeGrotte, Director
Mitigation Division

cc: Mr. Jack Purcell, State Coordinator, Office of Emergency Planning and
Coordination, PO Box 1628, Santa Fe, NM 87504
Ms. Marjorie Rabel, 11225-C, Paseo Del Oso, NE., Albuquerque, NM 87111
LOMC Distribution Coordinator, Michael Baker, Jr., Inc., 3601 Eisenhower
Ave., Suite 600, Alexandria, VA 22304



Federal Emergency Management Agency

Region VI
Federal Regional Center
800 North Loop 288
Denton, TX 76201-3698

MT

May 23, 1996
IN REPLY REFER TO:
T-218-65-RS

Ms. Susan Calongne, P.E.
City/County Floodplain Administrator
P. O. Box 1293
Albuquerque, New Mexico 87102

Dear Ms. Calongne:

This is in reference to a letter dated March 20, 1996, from Ms. Marjorie Rabel, requesting that the Federal Emergency Management Agency (FEMA) determine whether the following property is located in a Special Flood Hazard Area (SFHA), an area that would be inundated by the 100-year (1-percent annual chance) flood. This property has been elevated by the placement of fill.

Property Description:	Lot 3, Dam Shore Townhouses, a replat of Tract A-4-A, New Holiday Park, Parts 7 and 8, as the same is shown and designated on said replat filed in the office of the County Clerk of Bernalillo County, NM on April 6, 1988, Plat Volume C-36, Folio 59
Street Address:	11225-C Del Paseo Oso, NE
Community:	Albuquerque
State:	New Mexico
Community Number:	350002
Flooding Source:	Juan Tabo Dam

On May 20, 1996, we received all information necessary to process this request. After comparing this information with the National Flood Insurance Program (NFIP) map for your community, we determined that, although portions of the property would be inundated by a 100-year flood, the existing structure on the property would not. Therefore, this letter revises the map for Albuquerque, New Mexico (NFIP Map Number 350002, Panel 0018C, dated October 14, 1983) to remove the structure from the SFHA. Because portions of the property are in the SFHA, any future construction or substantial improvement on the property remains subject to Federal, State, and local regulations for floodplain management.

Even though this property is not included in an SFHA, it could be inundated by a flooding event of greater magnitude than the base flood. In fact, more than 25 percent of all losses in the NFIP occur to structures located outside the SFHA in Zones B, C, or X. More than 25 percent of all policies purchased under the NFIP protect structures located in these zones. This clearly illustrates that there is a risk of flooding in non-SFHAs. That risk is just not as great as the flood risk to structures located in SFHAs. To offer flood insurance protection to owners of such structures, the NFIP offers two types of flood insurance. Property owners should discuss their individual flood risk situation and insurance needs with their insurance agent of company before making a final decision regarding flood insurance coverage. Also, although we have based our determination on the flood information presently available, flood conditions may change or new information may be generated that could supersede this determination.

A copy of this Letter of Map Revision is being sent to your community's official NFIP map repository (if not your office) where, in accordance with regulations adopted by your community when it made application to join the NFIP, it should be attached to the community's official record copy of the NFIP map which is available for public inspection.

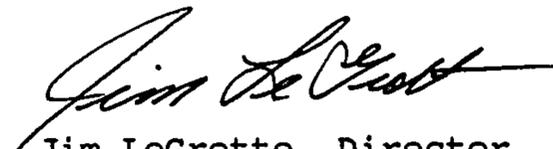
In order to ensure continued eligibility to participate in the NFIP, your community must enforce its floodplain management regulations using, at a minimum, the flood elevations and zone designations shown on your community's NFIP map, including the revision effected by this letter. This response to your request is based on the minimum criteria established by the NFIP. State and community officials, based on knowledge of local conditions and in the interest of public safety, may set higher standards for construction in the floodplain. If the State of New Mexico or your community have adopted more restrictive and comprehensive floodplain management criteria, these criteria take precedence over the minimum Federal criteria.

This revision has been made pursuant to Section 206 of the Flood Disaster Protection Act of 1973 (P.L. 93-234) and is in accordance with the National Flood Insurance Act of 1968, as amended (Title XIII of the Housing and Urban Development Act of 1968, P.L. 90-448) 42 U.S.C. 4001-4128, and 44 CFR Part 65.

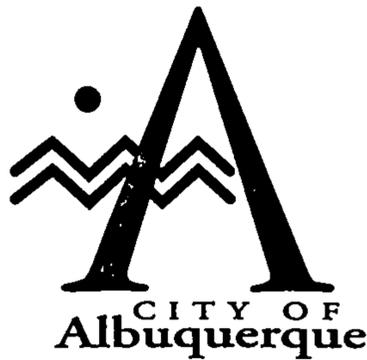
This revision is effective as of the date of this letter. However, a request for reconsideration may be made within 30 days. Any requests for reconsideration must be based on scientific or technical data.

If you have any questions or if we can be of further assistance, please call Vicky Carter at (817) 898-5333.

Sincerely,


Jim LeGrotte, Director
Mitigation Division

cc: Mr. Jack Purcell, State Coordinator, Office of Emergency Planning and
Coordination, PO Box 1628, Santa Fe, NM 87504
Ms. Marjorie Rabel, 11225-C, Paseo Del Oso, NE., Albuquerque, NM 87111
LOMC Distribution Coordinator, Michael Baker, Jr., Inc., 3601 Eisenhower
Ave., Suite 600, Alexandria, VA 22304



May 14, 1996

Martin J. Chávez, Mayor

Vicky Carter, Mitigation Division
Federal Emergency Management Agency
Region VI, Federal Center
800 North Loop 288
Denton, Texas 76201-3698

RE: LETTER OF MAP REVISION BASED ON FILL REQUEST FOR LOT 3, DAMSHORE
TOWNHOUSES AT 11225-C PASEO DEL OSO NE, (T-216-70), ALBUQUERQUE,
NEW MEXICO, COMMUNITY PANEL NUMBER 350002-0018.

Dear Ms. Carter:

The owner of the above referenced property is requesting that FEMA issue a Letter of Map Revision Based on Fill for her residence. Enclosed are the following:

- Property Information form and Elevation Information form
- Warranty Deed, Survey, and Plat
- Location of the site on Panel 18 of the Flood Insurance Rate Map.
- Copy of the Approved Grading and Drainage Plan and Compaction Test Results

This request is for an existing single family residence which was constructed in 1988 adjacent to the Juan Tabo Detention Dam. The FEMA forms regarding the placement and certification of fill material were not used, however compaction test results are included.

I have reviewed this submittal and believe that it is substantially complete. If you should have any questions, or if you need additional information, please call me at (505) 768-2666.

Sincerely,

Susan M. Calongne, P.E.

City/County Floodplain Administrator

c: C. Robert Wolfe, P.E.
Marjorie E. Rabel, Owner

File F22/D11B

Good for You. Albuquerque!





Federal Emergency Management Agency

Region VI
Federal Regional Center
800 North Loop 288
Denton, TX 76201-3698

MT

April 4, 1996
IN REPLY REFER TO:
T-216-70

Ms. Marjorie E. Rabel
11225-C Paseo Del Oso, NE
Albuquerque, New Mexico 87111

RE: Request for Letter of Map Amendment: 11225-C Paseo Del Oso, NE,
Albuquerque, NM

Dear Ms. Rabel:

This is in response to the above-referenced letter requesting that the Federal Emergency Management Agency determine whether your property is located within the Special Flood Hazard Area (SFHA).

On March 25, 1996, we received your request; however, additional information is needed to process the request. We have enclosed "MT-1, Amendments and Revisions to National Flood Insurance Program Maps," dated October 1994, that must be completed and returned to us.

Please note that no further action will be taken on your request until the required data are received. If the required information is not received within sixty (60) days, the request will be suspended from processing.

If you have questions, or if I can be of further assistance, please contact me at (817) 898-5333.

Sincerely,

A handwritten signature in cursive script, reading "Vicky A. Carter".

Vicky A. Carter
Mitigation Division

Enclosure

PUBLIC BURDEN DISCLOSURE NOTICE

Public reporting burden for this form is estimated to average 1.63 hours per response. The burden estimate includes the time for reviewing instructions, searching existing data sources, gathering and maintaining the needed data, and completing and reviewing the form. Send comments regarding the accuracy of the burden estimate and any suggestions for reducing this burden, to: Information Collections Management, Federal Emergency Management Agency, 500 C Street, S.W., Washington, DC 20472; and to the Office of Management and Budget, Paperwork Reduction Project (3067-0147), Washington, DC 20503.

This form may be completed by the property owner, registered land surveyor, or registered professional engineer

1. Community Name: ALBUQUERQUE County: BERNALILLO State: N. MEX.
Community Number: 350002 0018 C Panel or Map Number: 18 OF 50
Effective Date: OCT. 14, 1983
2. Street Address of Property: 11225-C PASEO DEL OSO N.E.
3. Description of Property Lot and Block (if a street address cannot be provided): LOT (3) DAMSHORE TOWNHOUSES, A REPLAT OF TRACT A-4-A NEW HOLIDAY PARK, PARTS 7 & 8 (FILED APRIL 6, 1988, PLAT VOLUME C-36, FOLIO 59)
4. Are you requesting that the SFHA designation be removed from (a) all of the land within the bounds of the property, (b) a portion of land within the bounds of the property (*metes and bounds description is required*), or (c) the structure(s) on the property? (Answer "a," "b," or "c") "C"
5. Is this request for (a) a single residential structure or lot, (b) a single commercial structure or lot, (c) multiple structures or lots? (Answer "a," "b" or "c") A If existing structure, what was the date of construction? 3/88
6. Is this request prior to the transfer of ownership of the property in question from a developer to an individual property owner? Yes No
7. Is this request for (a) existing conditions or (b) proposed project? (Answer "a" or "b") A
8. Has fill been placed in an identified SFHA or to elevate a structure? YES If yes, when? DEC. 1987
9. For proposed projects, will fill be placed to elevate this land or structure(s)? N/A
10. Do you know of previous requests that have been submitted to FEMA for this property or adjacent properties?
NO
If yes, what was the date of FEMA's response letter? N/A

11. I have enclosed the following documents in support of this request:

- a. Copy of the Plat Map (*with recordation data*) with recorder's seal
- OR**
- b. Copy of the Deed (*with recordation data*), accompanied by a tax assessor's map, plat map or other suitable map showing the surveyed location of the property with recorder's seal (*For these maps a map scale must be provided and they should not be reduced or enlarged*)
- c. Copy of the effective FIRM panel on which the property location has been accurately plotted (*If the request is for more than one lot/structure, this location must be certified by a licensed land surveyor or registered professional engineer*)
- d. A map showing the locations of any structures existing on or proposed for the property (*certified by a licensed land surveyor or registered professional engineer*)
- e. Metes and bounds description and accompanying map (*only if the request is for a portion of land within the bounds of the property, not structure(s) only*)
- f. Elevation Information form
- g. Community Acknowledgment form (*only if fill has been/will be placed*)
- h. Certification of Fill Compaction form (*only if fill has been/will be placed and the request is not for a single residential structure*)

Initial fee (see page 7 of instructions for initial fees and exemptions)

i. LOMR-F (Type of request) \$ 0 (amount enclosed)

PAYMENT ENCLOSED

Check or money order only. Make check or money order payable to: **National Flood Insurance Program**. If paying by Visa or Mastercard please refer to the credit card information form which follows this form.

j. Additional information: _____ (please specify)

12. All documents submitted in support of this request are correct to the best of my knowledge. I understand that any false statement may be punishable by fine or imprisonment under Title 18 of the United States Code, Section 1001.

Applicant's Name: MARJORIE E. LABEL (please print or type)

Mailing Address: 11225-C PASEO DEL OSO N.E.
ALBUQUERQUE, NEW MEXICO 87111 (please print or type)

Daytime Telephone Number: (505) 275-1602

April 16, 1996
Date

Marjorie E. Label
Signature of Applicant

PUBLIC BURDEN DISCLOSURE NOTICE

Public reporting burden for this form is estimated to average .63 hour per response. The burden estimate includes the time for reviewing instructions, searching existing data sources, gathering and maintaining the needed data, and completing and reviewing the form. Send comments regarding the accuracy of the burden estimate and any suggestions for reducing this burden, to: Information Collections Management, Federal Emergency Management Agency, 500 C Street, S.W., Washington, DC 20472; and to the Office of Management and Budget, Paperwork Reduction Project (3067- 0147), Washington, DC 20503.

This form must be completed by a licensed land surveyor or registered professional engineer. These forms should not be used for requests involving Channelization, Bridges/Culverts, or Fill in the FEMA-Designated Floodway. Forms entitled Revisions to National Flood Insurance Program Maps (MT-2) should be used. The Elevation Information Form must be included for all request, unless the request is for a determination in which the FIRM already shows the property to be CLEARLY outside the SFHA. Cases in which the determination for the property or structure is uncertain will require the submittal of elevation data to provide a definitive determination. If an elevation certificate has been completed for the subject property it maybe submitted in lieu of this form.

(See page 7 of instructions for details)

1. Community Name: CITY OF ALBUQUERQUE, NEW MEXICO, BERNALILLO COUNTY
2. Legal Description of Property: LOT (3) DAM SHORE TOWNHOUSES, A REPLAT OF TRACT A-4-A NEW HOLIDAY PARK, PARTS 7 & 8, FILED APRIL 6, 1988, PLAT VOLUME C-36, FOLIO 59
3. Flooding Source: JUAN TABO DAM (LATER RENAMED JOHN B. ROBERT DAM)
4. Based on the FIRM, this property is located in Zone(s) A-28
5. Is any portion of this property located in the regulatory floodway? Yes No
Are any structures (existing or proposed) located in the regulatory floodway? Yes No
6. Is this area subject to land subsidence or uplift? Yes No, If yes, what is the date of the current releveling? _____
7. What is the BFE for this property? (Provide elevation to nearest tenth of a foot and datum)*
5768' Elevation MSL Datum
8. How was the BFE determined? (attach a copy of the Flood Profile or table from the FIS report, if appropriate, or other necessary supporting information including Forms 3 and 4 from forms entitled, "Revisions to National Flood Insurance Program Maps" (MT-2)).
FIRM COMMUNITY-PANEL NUMBER 350002 0018 C
(PANEL 18 OF 50)
9. If a flood profile for the 500-year flood was provided in the FIS Report, what is the 500-year flood elevation for this property? _____ Elevation _____ Datum
10. If this request is to remove the SFHA designation from a parcel of land or lot(s), what is the existing or proposed elevation of the lowest grade; that is, the lowest ground on the property? (Provide elevation to nearest tenth of a foot and datum)* _____ Elevation _____ Datum

11. If this request is to remove the SFHA designation from a structure(s), what is the elevation of the existing or proposed lowest adjacent grade; that is, the lowest ground touching the structure? (Provide elevation to nearest tenth of a foot and datum)* 5772.0 MSL ElevationDatum
12. If fill has been/will be placed to elevate the structure(s) on this property, what is the existing or proposed elevation of the lowest floor, including basement and/or attached garage? (Provide elevation to nearest tenth of a foot and datum)* 5772.1 MSL (GARAGE FLOOR) ElevationDatum
13. If any of the above elevations were computed based on a datum different than the effective FIS, what is the conversion factor? FIS Datum = Local Datum +/- _____ Feet

*For multiple lots/structures, complete the appropriate column(s) of the Summary of Elevations-Individual Lot Breakdown form, identifying the elevation for each lot/structure. To support items 9, 10, and 11, please note a map (certified by a licensed surveyor or registered professional engineer) may be required to relate the ground elevations and locations of structures or lots. The map should indicate whether it reflects "as-built" or "proposed" conditions.

14. All information submitted in support of this request is correct to the best of my knowledge. I understand that any false statement may be punishable by fine or imprisonment under Title 18 of the United States Code, Section 1001.

Name: C. ROBERT WOLFE P.E.
(please print or type)

Title: PRESIDENT WOLFE CO. INC.
(please print or type)

Registration No. 3993 Expiration Date 12/31/97

State NEW MEXICO

Telephone Number: (505) 881-1436

C. Robert Wolfe
Signature

4/15/96
Date



FEDERAL EMERGENCY MANAGEMENT AGENCY
COMMUNITY ACKNOWLEDGMENT OF REQUESTS
INVOLVING FILL

O.M.B. Burden No. 3067-0147
Expires July 31, 1997

FEMA USE ONLY

PUBLIC BURDEN DISCLOSURE NOTICE

Public reporting burden for this form is estimated to average .88 hour per response. The burden estimate includes the time for reviewing instructions, searching existing data sources, gathering and maintaining the needed data, and completing and reviewing the form. Send comments regarding the accuracy of the burden estimate and any suggestions for reducing this burden, to: Information Collections Management, Federal Emergency Management Agency, 500 C Street, S.W., Washington, DC 20472; and to the Office of Management and Budget, Paperwork Reduction Project (3067-0147), Washington, DC 20503.

CITY OF ALBUQUERQUE
Community Name

11225-C PASEO DEL OSO N.E.
Property Name or Address

We hereby acknowledge receipt and review of this Letter of Map Revision request and have found that the completed or proposed project meets or is designed to meet all of the community's applicable floodplain management regulations, including the requirement that no fill be placed in the adopted regulatory floodway. We understand that this request is being forwarded to FEMA for a possible map revision. For proposed projects, we understand that FEMA is being asked to provide comments on the potential effects of this project on the flood hazards of our community.

Community comments on the proposed project: Grading and Drainage Plan was
approved by City Hydrology in 1987. The finish floor elevation
was substantially higher than the bfe and 2' higher
than the emergency spillway of the dam

Community Official's Name: Susan M. Calongne
(please print or type)

Address: City of Albuquerque, Public Works - Hydrology
P.O. Box 1293, Albuquerque, New Mexico 87103
(please print or type)

Daytime Telephone Number: (505) 768-2666

Susan Calongne
Community Official's Signature

5-14-96
Date

City/County Floodplain Administrator
Community Official's Title

PUBLIC BURDEN DISCLOSURE NOTICE

Public reporting burden for this form is estimated to average .35 hour per response. The burden estimate includes the time for reviewing instructions, searching existing data sources, gathering and maintaining the needed data, and completing and reviewing the form. Send comments regarding the accuracy of the burden estimate and any suggestions for reducing this burden, to: Information Collections Management, Federal Emergency Management Agency, 500 C Street, S.W., Washington, DC 20472; and to the Office of Management and Budget, Paperwork Reduction Project (3067-0147), Washington, DC 20503.

Community Name

Property Name or Address

The Fill is: Existing Proposed

I hereby certify that fill placed on the property to raise the ground surface to or above the base (100-year) flood elevation in order to gain exclusion from a Special Flood Hazard Area (100-year floodplain) meets the criteria of Title 44 of the Code of Federal Regulations, Section 65.5(a) (6), listed below. For proposed fill, I hereby certify that it is designed in accordance with these criteria.

1. That the fill has been compacted to 95 percent of the maximum density obtainable with the Standard Proctor Test method or an acceptable equivalent method for (*check one of the following*)

_____ a. Fill pads prepared for the foundations of residential or commercial structures

_____ b. Entire legally defined parcel (*Note: if the location of fill pads has not been determined, the fill over the entire legally defined parcel must be compacted to the above criteria*).

Name (Please print or type)

Signature

Date

Community Official's Title or
Engineer's Seal/Registration Number

2. That fill slopes for granular materials are not steeper than one vertical on one-and-one-half horizontal (*steeper slopes must be justified*); and

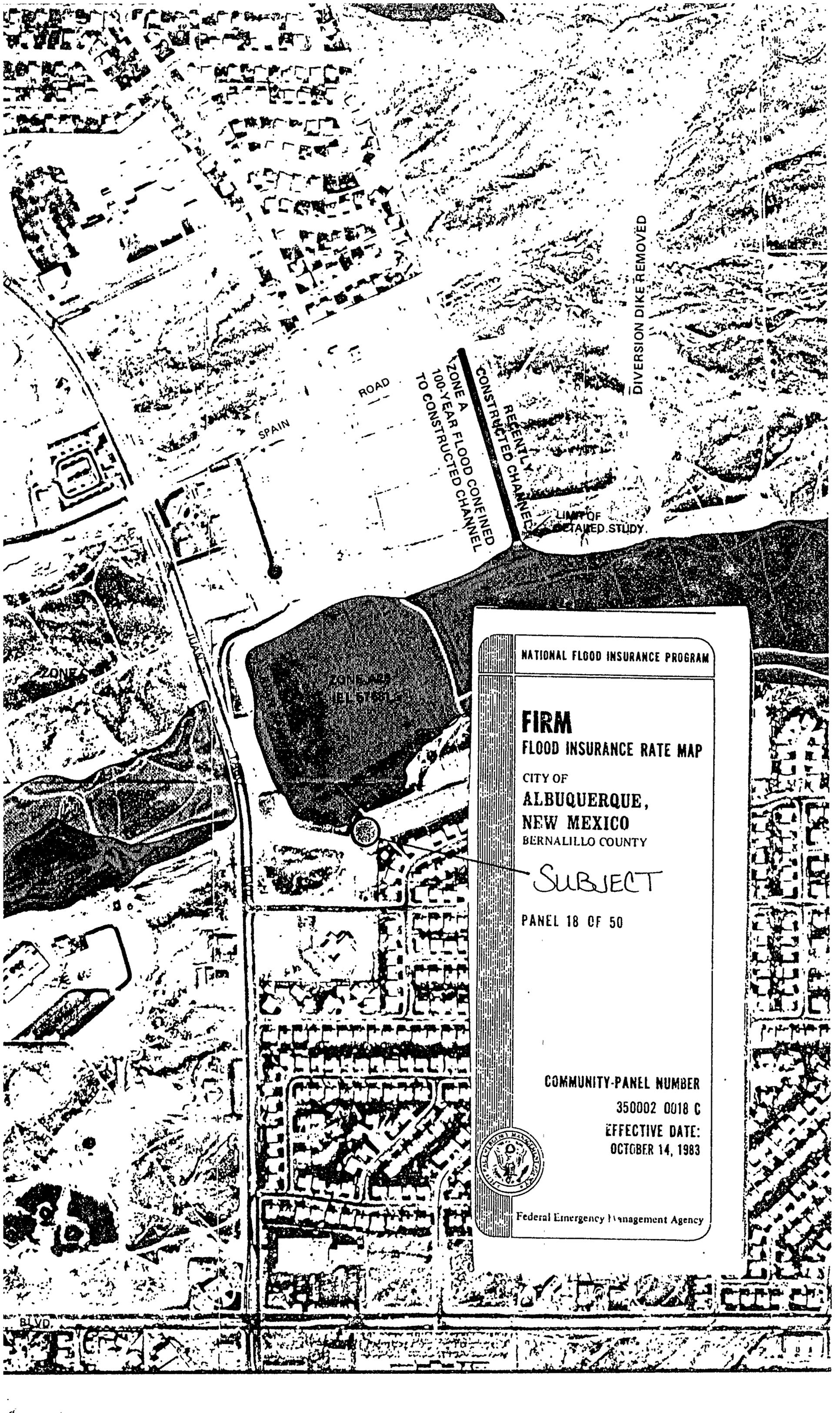
3. That adequate erosion protection is provided for fill slopes exposed to moving flood waters (*slopes exposed to flows with velocities of up to 5 feet per second (fps) during the 100-year flood must, at a minimum, be protected by a permanent cover of grass, vines, weeds, or similar vegetation; slopes exposed to flows with velocities greater than 5 fps during the 100-year flood must, at a minimum, be protected by appropriately designed stone, rock, concrete, or other durable products*).

Name (Please print or type)

Signature

Date

Community Official's Title or
Engineer's Seal/Registration Number



ZONE A
100-YEAR FLOOD CHANNEL
TO CONSTRUCTED CHANNEL

RECENTLY CHANGED
CHANNEL

DIVERSION DIKE REMOVED

LIMIT OF
STUDY

NATIONAL FLOOD INSURANCE PROGRAM

FIRM
FLOOD INSURANCE RATE MAP

CITY OF
ALBUQUERQUE,
NEW MEXICO
BERNALILLO COUNTY

SUBJECT

PANEL 18 OF 50

COMMUNITY-PANEL NUMBER

350002 0018 C

EFFECTIVE DATE:
OCTOBER 14, 1983

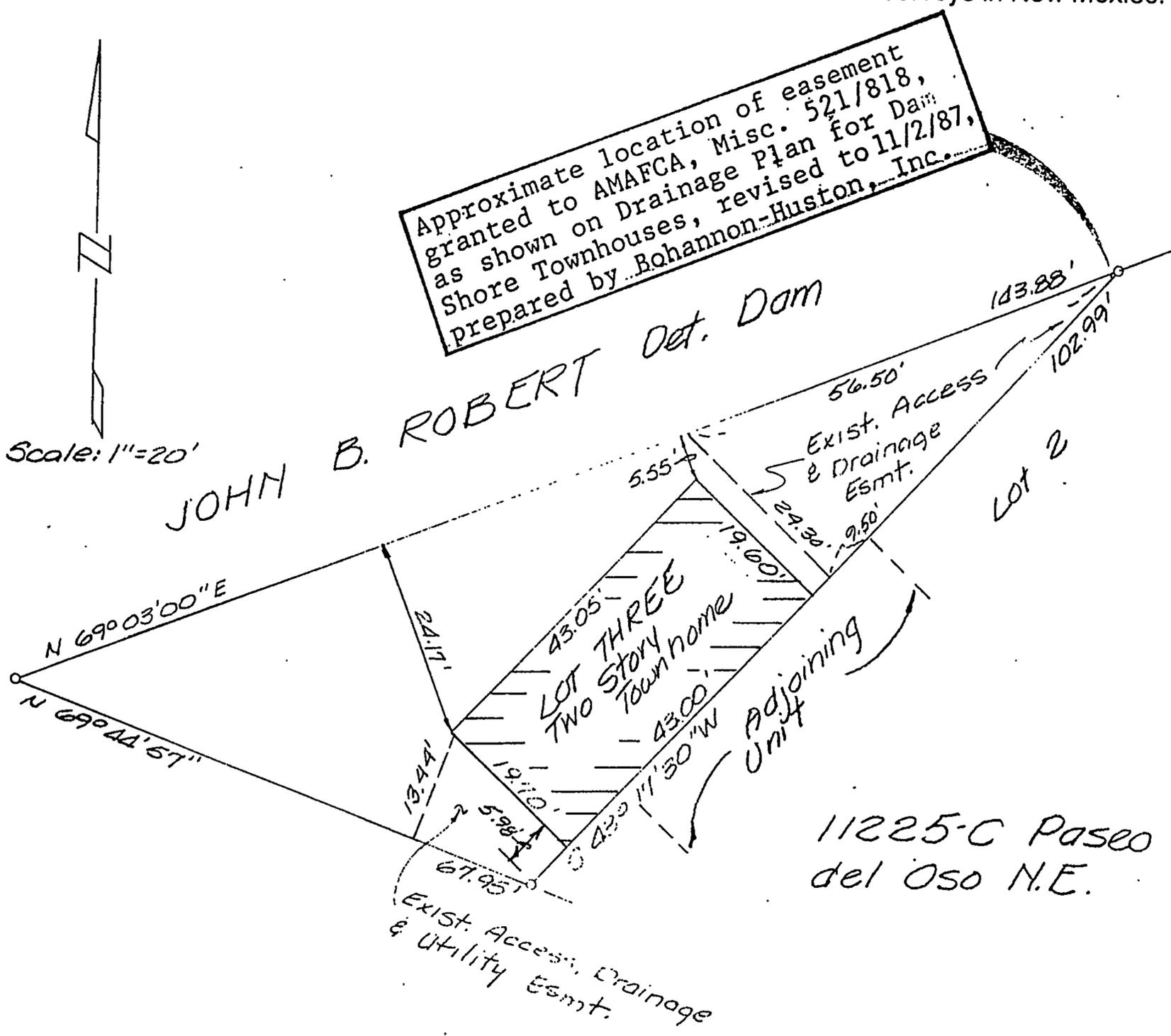


Federal Emergency Management Agency

BLVD.

LOCATION OF IMPROVEMENTS CERTIFICATE

Unless otherwise indicated, violations of restrictions, easements, zoning ordinances, building codes or other matters subject to confirmation, but not shown on the plat of record, are not covered by this certificate. Steps, exterior walls and slabs are neither shown nor included. This certificate is not to be used for future construction and does not comply with minimum standards for land surveys in New Mexico.



I, Gordon J. Douglas, a duly registered Professional Land Surveyor under the laws of the State of New Mexico, do hereby certify that I have checked the location of the buildings and improvements on the following described real estate:

Lot Three (3) Dam Shore Townhouses, a replat of Tract A-4-A New Holiday Park, Parts 7 & 8, Albuquerque, New Mexico, as the same is shown and designated on said replat filed in the office of the County Clerk of Bernalillo County, New Mexico, on April 6, 1988, Plat Volume C-36, Folio 59.

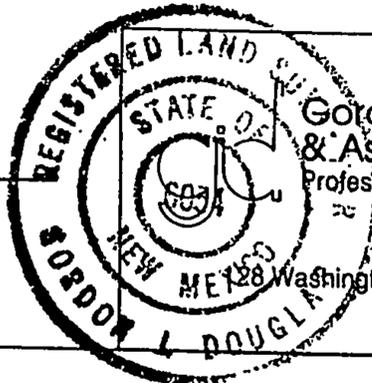
I further certify that the easements as shown on the plat of record are shown on the above drawing, that there are no encroachments on the above described real estate, and that the same is true and correct to the best of my knowledge and belief. Unless otherwise indicated, no boundary survey was performed, and no corners were monumented.

Gordon J. Douglas
Gordon J. Douglas
N.M.P.L.S. No 6054

April 25, 1988

Date

rev. May 14, 1988



Gordon J. Douglas
& Associates, P.C.
Professional Surveyors

New Mexico
Arizona

Washington S.E., Albuquerque, NM 87108
(505) 268-4429

Rev. 5-16-88 GJD GJD

B. H. SWINBURNE, CHAIRMAN
WILLIAM V. HEREFORD, VICE-CHAIRMAN
REX FUNK, SECRETARY-TREASURER
R. WARD HUNNICUTT, DIRECTOR
SHEILAH GARCIA, DIRECTOR

RICHARD E. LEONARD
EXECUTIVE ENGINEER



Albuquerque
Metropolitan
Arroyo
Flood
Control
Authority

P. O. BOX 25851 - ALBUQUERQUE, N.M. 87125
TELEPHONE (505) 884-2215

April 1, 1988

To: C. Robert Wolfe

City of Albuquerque
PO Box ~~1293~~
Albuquerque, NM 87103

Attention: Claire Koopman, Board Secretary
Development Review Board

Re: DRB-88-200

Dear Ms. Koopman:

The following are AMAFCA comments concerning Lots 1, 2, & 3,
Dam Shore Townhouses:

1. AMAFCA holds an easement at this property as filed for record in Book Misc 521, pages 818-829 on February 25, 1977 (Reception No. 77-10284) further described as Tract 1B. This easement gives the "right to flood and inundate with storm waters each and every portion of said land which is below 5772.0 feet above mean sea level." This easement should be shown on the plat.
2. The finish grade of drives, parking areas and buildings should be above this elevation.

Additional Comments concerning drainage at this site are anticipated from Public Works, Hydrology.

Submitted by

Clifford E. Anderson
AMAFCA

CEA/blb

xc: Fred Aguirre, Public Works, Hydrology
C. Robert Wolfe, Wolfe Co., Inc.



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

Ken Schultz
Mayor

UTILITY DEVELOPMENT DIVISION
HYDROLOGY SECTION
(505) 768-2650

October 5, 1987

Gordon Walhood, P.E.
Bohannon-Huston, Inc.
7500 Jefferson Street, NE
Albuquerque, New Mexico 87109

RE: GRADING & DRAINAGE REPORT FOR DAM SHORE TOWN HOUSES,
RESUBMITTED SEPTEMBER 30, 1987, FOR BUILDING PERMIT APPROVAL
(F-22/D11B)

Dear Mr. Walhood:

Your submittal, referred to above, with a revised date of September 23, 1987, is approved for building permit sign-off by Hydrology.

As we discussed on the telephone, if the owner is able to coordinate the earthwork on this project with the City's job, it should prove mutually beneficial.

Thank you for your cooperation. If you have any questions, please call me at 768-2650.

Cordially,

G. Stuart Reeder, P.E.
C.E./Hydrology Section

GSR/bsj

xc: Owner
Architect

PUBLIC WORKS DEPARTMENT

Walter Nickerson, P.E., City Engineer

ENGINEERING GROUP

Telephone (505) 768-2500

AN EQUAL OPPORTUNITY EMPLOYER

September 29, 1987

Mr. Fred Aguirre
Hydrology
City of Albuquerque
P.O. Box 1293
Albuquerque, NM 87103

Re: Final Drainage Plan for Wolfe Property at John Robert Dam
(F-22/D11B)

Dear Fred:

Enclosed is the revised Final Grading and Drainage Plan for the above referenced parcel.

As you will recall, your office had some discussion with AMAFCA regarding the finished floor elevations in this area. The FEMA Flood Insurance Rate Maps show the 100-year flood elevation at 5768.00; however, the emergency spillway elevation of the dam is at 5770.0.

The owner has agreed to raise the finished floor elevation for the lower parking area to an elevation of 5772. This new finished floor elevation is more than one foot above the emergency spillway elevation. We are hoping this adjustment will satisfy the requirement of both your department and AMAFCA.

If you have any other questions or require any additional information, feel free to contact me at our Albuquerque office.

Sincerely,

Gordon A. Walhood, Jr., P.E.
Project Manager

Enclosure

cc: Mr. Bob Wolfe
Mr. Rich Leonard

GAW/cs
Job No. 86431.01

PRINCIPALS
LARRY W. HUSTON
MICHAEL M. EMERY, PE

DANA C. WOOD, PE
ANDRES ARAGON-VIAMONTE
DARRELL L. WADE, PE

JAMES V. DOMENICK, PE
BRIAN G. BURNETT, PE

BOHANNAN-HUSTON INC.

ALBUQUERQUE, NEW MEXICO 87109 (505) 823-1000
SANTA FE, NEW MEXICO 87501 (505) 988-7671
EL PASO, TEXAS 79925 (915) 778-4491
104, 330 GARFIELD BLVD.

CITY OF ALBUQUERQUE
CODE ADMINISTRATION DIVISION

PHONE 764-1628

CORRECTION NOTICE

THIS BUILDING AND PREMISES HAS BEEN INSPECTED AND THE WORK LISTED BELOW IS IN VIOLATION OF LOCAL CODE REQUIREMENTS:

- | | | | |
|--|--------------------------------------|--|--------------------------------|
| <input checked="" type="checkbox"/> CONSTRUCTION | <input type="checkbox"/> ELECTRICAL | <input type="checkbox"/> PLUMBING | <input type="checkbox"/> GAS |
| <input type="checkbox"/> POOLS | <input type="checkbox"/> A/C — EVAP. | <input type="checkbox"/> REFRIGERATION | <input type="checkbox"/> FIRE |
| <input type="checkbox"/> SIGN | <input type="checkbox"/> ELEVATOR | <input type="checkbox"/> BOILER | <input type="checkbox"/> OTHER |

CORRECTIONS MUST BE MADE AND APPROVED BEFORE THE VIOLATION IS CONCEALED.

LOCATION: 11225 Paseo del Oro N.E.

Submit copy of Engineers
report to verify placement of
soil fill. Per Chapter 29 U.B.C.

DATE 11/7 1988 INSPECTOR T. Fenara

DO NOT REMOVE THIS NOTICE

CODE ADMINISTRATION DIVISION
CITY OF ALBUQUERQUE, P. O. BOX 1293
BUILDINGS SECTION

Location: 11225 Paseo del Oro

Type of Inspection: Final

Date: 11/7/88

Approved: T. Fenara
Inspector

FORM B-20
PIT-1201



FOX & ASSOCIATES OF NEW MEXICO, INC.

CONSULTING ENGINEERS AND GEOLOGISTS

ALBUQUERQUE OFFICE 3412 BRYN MAWR DRIVE, NE
ALBUQUERQUE, NEW MEXICO 87107
(505) 884-0900

December 18, 1987

Wylie Corporation
5820 Wilshire, NE
Albuquerque, NM 87113

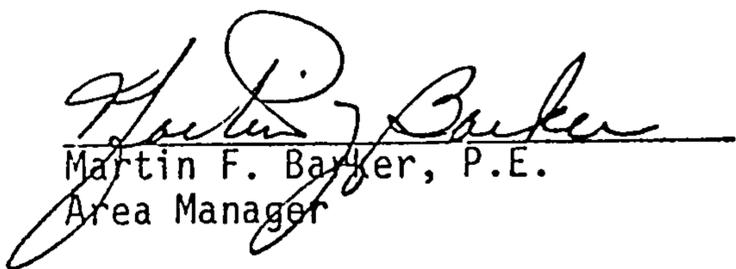
Job No; 3-4503-6037-00

Subject: Laboratory Determinations
Moisture-Density Relations of Soils,
Atterberg Limits Test, Sieve Analysis,
Density Compaction Test Data & Daily Diaries
Wolfe Townhomes
Juan Tabo & Manitoba

Gentlemen:

Transmitted herein is the detailed test data for the subject project.

FOX & ASSOCIATES OF NEW MEXICO, INC.


Martin F. Barker, P.E.
Area Manager

Copies: Addressee (2)

Attached: Data Sheet
Daily Report Nos. 1, 2, 3 & 4
Daily Diaries (4)

ra

DENSITY-COMPACTION TEST RESULTS

PROJECT: Wolfe Townhomes

PROJECT NO.: 3-4503-6037-00

DATE: 12/10/87

LOCATION: Juan Tabo & Manitoba

REPORT NO.: 3

TIME: **HOURS**

SOURCE: Wylie Corporation

SAMPLE NO.:

ENGINEERING TECHNICIAN: Richard Vasquez

TEST NO.	LOCATION	DEPTH OR ELEVATION	PROCTOR DENSITY PCF	OPTIMUM MOISTURE CONTENT %	DRY DENSITY PCF	MOISTURE CONTENT %	COMPACTION		SOIL TYPE
							ACT. %	REQ. %	
22	Building area at west center	-6.5' FSG	134.8	7.0	130.5	8.6	96.8	95	SAND, silty, slightly gravelly, brown (SM)
23	Parking area at center	-4.5' FSG	134.8	7.0	129.9	7.5	96.4	90	SAND, silty, slightly gravelly, brown (SM)
24	Building area at northwest corner	-5.5' FSG	134.8	7.0	132.6	8.4	98.4	95	SAND, silty, slightly gravelly, brown (SM)
25	Parking area, east end	-3.5' FSG	134.8	7.0	129.9	7.9	96.4	90	SAND, silty, slightly gravelly, brown (SM)
26	Building area, south end at center	-4.5' FSG	134.8	7.0	132.6	9.1	98.4	95	SAND, silty, slightly gravelly, brown (SM)
27	Parking area at center	-2.5' FSG	134.8	7.0	131.1	8.9	97.3	90	SAND, silty, slightly gravelly, brown (SM)

EQUIPMENT: 1-Scraper, 1-Dozer, 1-Roller, Water by Hose

TYPE OF TEST: AG
TEMPERATURE: 50-55°F
WIND: 3-5 MPH
PRECIPITATION: NONE

DENSITY - COMPACTION TEST RESULTS



Consulting Engineers and Geologists

DAILY DIARY

PROJECT: Wolfe Townhomes

LOCATION: Juan Tabo & Manitoba

SOURCE: Wylie Corporation

PROJECT NO: 3-4503-6037-00

DATE: 12/8/87

REPORT NO: 1

TIME:

PROCTOR NO: N/A

ENGINEERING TECHNICIAN: Richard Vasquez

WORK PERFORMED:

Fill material was being brought in by scraper from fill area. Technician met with general supervisor with Wylie Corporation. A sample proctor was picked up from cut area.

REMARKS:

Dry lift of fill was placed at the end of the day to prevent soil from freezing.

DAILY DIARY



Consulting Engineers and Geologists

DENSITY-COMPACTION TEST RESULTS

PROJECT: Wolfe Townhomes

PROJECT NO.: 3-4503-6037-00

DATE: 12/11/87

LOCATION: Juan Tabo & Manitoba

REPORT NO.: 4

TIME: HOURS

SOURCE: Wylie Corporation

SAMPLE NO.:

ENGINEERING TECHNICIAN: Richard Vasquez

TEST NO.	LOCATION	DEPTH OR ELEVATION	PROCTOR DENSITY PCF	OPTIMUM MOISTURE CONTENT %	DRY DENSITY PCF	MOISTURE CONTENT %	COMPACTION		SOIL TYPE
							ACT. %	REQ. %	
28	Building area at center	-3.5' FSG	134.8	7.0	130.9	8.3	97.1	95	SAND, silty, slightly gravelly, brown (SM)
29	Parking area, east end	-1.5' FSG	134.8	7.0	131.0	9.2	97.2	90	SAND, silty, slightly gravelly, brown (SM)
30	Building area, south center	-2.5' FSG	134.8	7.0	130.2	9.1	96.6	95	SAND, silty, slightly gravelly, brown (SM)
31	Parking area at center	-0.5' FSG	134.8	7.0	128.3	7.6	95.2	90	SAND, silty, slightly gravelly, brown (SM)
32	Building area, northwest corner	-1.5' FSG	134.8	7.0	131.8	9.3	97.8	95	SAND, silty, slightly gravelly, brown (SM)
33	Building area at center	-0.5' FSG	134.8	7.0	129.9	7.9	96.4	95	SAND, silty, slightly gravelly, brown (SM)

EQUIPMENT: 1-Scraper, 1-Dozer, 1-Roller, Water by Hose

TYPE OF TEST: AG
TEMPERATURE: 55-60°F
WIND: 3-5 MPH
PRECIPITATION: NONE

DENSITY - COMPACTION TEST RESULTS



Consulting Engineers and Geologists

DAILY DIARY

PROJECT: Wolfe Townhomes

LOCATION: Juan Tabo & Manitoba

SOURCE: Wylie Corporation

PROJECT NO: 3-4503-6037-00

DATE: 12/11/87

REPORT NO: 4

TIME:

PROCTOR NO: N/A

ENGINEERING TECHNICIAN: Richard Vasquez

WORK PERFORMED:

Technician performed density tests on fill areas on south side of Juan Tabo Dam. The fill was being brought in by scraper from cut area at bottom of dam, east of fill area. Test results were reported to foreman.

REMARKS:

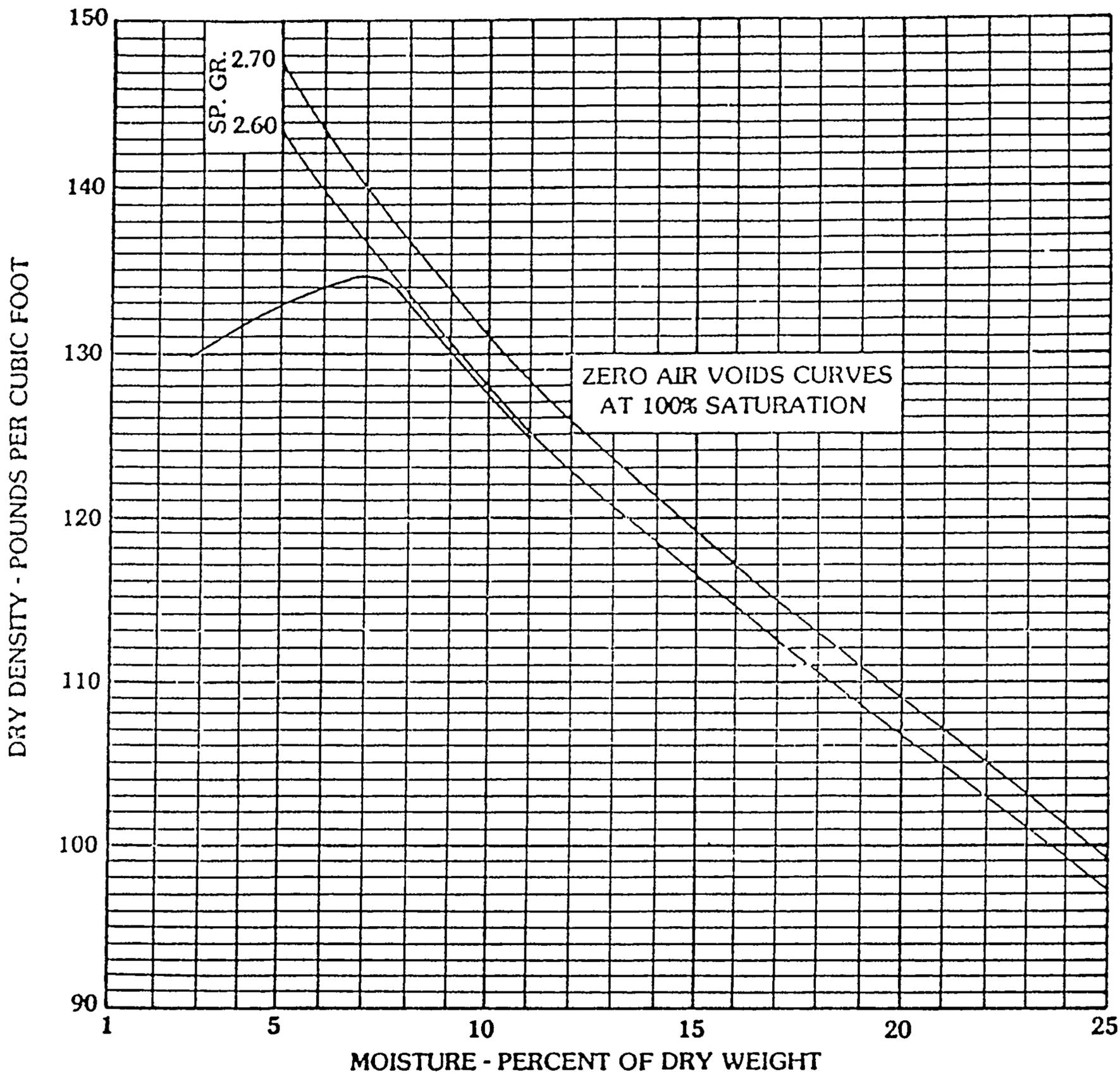
Technician made four trips to job site.

DAILY DIARY

FOX

Consulting Engineers and Geologists

LABORATORY MOISTURE DENSITY TEST RESULTS



MAXIMUM DRY DENSITY: 134.8 pcf **OPTIMUM MOISTURE CONTENT:** 7.0%
SAMPLE DESCRIPTION: SAND, silty, slightly gravelly, brown (SM)
LOCATION: Cut area, centerline of project **Date Sampled:** 12/8/87

AMT. OF MAT'L FINER THAN: #4 SIEVE 91 #10 67 #40 36 #200 14.5
ATTERBERG LIMITS: LL: NV PL: NV PI: NP
 GRAVEL = 9
 SAND = 76
 SILT & CLAY = 15

LABORATORY MOISTURE DENSITY TEST RESULTS

Proctor No.
 Comp. Test Proc. ASTM D 1557-C
 Figure



Consulting Engineers and Geologists

DAILY DIARY

PROJECT: Wolfe Townhomes

LOCATION: Juan Tabo & Manitoba

SOURCE: Wylie Corporation

PROJECT NO: 3-4503-6037-00

DATE: 12/10/87

REPORT NO: 3

TIME:

PROCTOR NO: N/A

ENGINEERING TECHNICIAN: Richard Vasquez

WORK PERFORMED:

Technician performed density tests as directed by supervisor for Wylie Corporation. Areas appeared to be evenly rolled. The fill material was being brought in by scraper from bottom of dam, east of fill areas.

REMARKS:

DAILY DIARY

FOX

Consulting Engineers and Geologists

DENSITY-COMPACTION TEST RESULTS

PROJECT: Wolfe Townhomes

PROJECT NO.: 3-4503-6037-00

DATE: 12/9/87

LOCATION: Juan Tabo & Manitoba

REPORT NO.: 2 Page 1 of 2

TIME: HOURS

SOURCE: Wylie Corporation

SAMPLE NO.:

ENGINEERING TECHNICIAN: Richard Vasquez

TEST NO.	LOCATION	DEPTH OR ELEVATION	PROCTOR DENSITY PCF	OPTIMUM MOISTURE CONTENT %	DRY DENSITY PCF	MOISTURE CONTENT %	COMPACTION		SOIL TYPE
							ACT. %	REQ. %	
13	Building area at west end at center	-13.5' FSG	134.8	7.0	130.9	8.3	97.1	95	SAND, silty, slightly gravelly, brown (SM)
14	Parking area at center	- 6.5' FSG	134.8	7.0	129.4	7.5	96.0	90	SAND, silty, slightly gravelly, brown (SM)
15	Building area, northwest corner	-12.5' FSG	134.8	7.0	131.9	8.9	97.8	95	SAND, silty, slightly gravelly, brown (SM)
16	Parking area, northeast corner	- 5.5' FSG	134.8	7.0	131.4	8.5	97.4	90	SAND, silty, slightly gravelly, brown (SM)
17	Building area at west end, center	-11.5' FSG	134.8	7.0	131.9	9.1	97.8	95	SAND, silty, slightly gravelly, brown (SM)
18	Building area, northwest corner	-10.5' FSG	134.8	7.0	130.8	6.8	97.0	95	SAND, silty, slightly gravelly, brown (SM)

EQUIPMENT:

TYPE OF TEST:
TEMPERATURE:
WIND:
PRECIPITATION:

DENSITY - COMPACTION TEST RESULTS



Consulting Engineers and Geologists

DENSITY-COMPACTION TEST RESULTS

PROJECT: Wolfe Townhomes

PROJECT NO.: 3-4503-6037-00

DATE: 12/9/87

LOCATION: Juan Tabo & Manitoba

REPORT NO.: 2 Page 2 of 2

TIME: HOURS

SOURCE: Wylie Corporation

SAMPLE NO.:

ENGINEERING TECHNICIAN: Richard Vasquez

TEST NO.	LOCATION	DEPTH OR ELEVATION	PROCTOR DENSITY PCF	OPTIMUM MOISTURE CONTENT %	DRY DENSITY PCF	MOISTURE CONTENT %	COMPACTION		SOIL TYPE
							ACT. %	REQ. %	
19	Building area, west center	- 9.5' FSG	134.8	7.0	133.9	7.5	99.3	95	SAND, silty, slightly gravelly, brown (SM)
20	Building area at center	- 8.5' FSG	134.8	7.0	121.0	6.0	89.8	95	SAND, silty, slightly gravelly, brown (SM)
20A	Building area at center, RETEST	- 8.5' FSG	134.8	7.0	130.8	6.8	97.0	95	SAND, silty, slightly gravelly, brown (SM)
21	Building area at northwest corner	- 7.5' FSG	134.8	7.0	131.8	9.0	97.8	95	SAND, silty, slightly gravelly, brown (SM)

EQUIPMENT: 1-Scraper, 1-Dozer, 1-Roller, Water by Hose

TYPE OF TEST: AG
TEMPERATURE: 50-55°F
WIND: 3-5 MPH
PRECIPITATION: NONE

DENSITY - COMPACTION TEST RESULTS



Consulting Engineers and Geologists

DAILY DIARY

PROJECT: Wolfe Townhomes

LOCATION: Juan Tabo & Manitoba

SOURCE: Wylie Corporation

PROJECT NO: 3-4503-6037-00

DATE: 12/9/87

REPORT NO: 2

TIME:

PROCTOR NO: N/A

ENGINEERING TECHNICIAN: Richard Vasquez

WORK PERFORMED:

Technician performed density tests as directed by general supervisor for Wylie Corp. Areas appeared evenly rolled. Fill area is at south side of dam on berm, berm is being benched. The fill is being brought in by scraper from cut area east of area being filled. The fill slopes are being rolled with a dozer.

REMARKS:

Developer visited job site at 1:30 pm.

DAILY DIARY

FOX

Consulting Engineers and Geologists

DENSITY-COMPACTION TEST RESULTS

PROJECT: Wolfe Townhomes

PROJECT NO.: 3-4503-6037-00

DATE: 12/8/87

LOCATION: Juan Tabo & Manitoba

REPORT NO.: 1 Page 2 of 2

TIME: HOURS

SOURCE: Wylie Corporation

SAMPLE NO.:

ENGINEERING TECHNICIAN: Richard Vasquez

TEST NO.	LOCATION	DEPTH OR ELEVATION	PROCTOR DENSITY PCF	OPTIMUM MOISTURE CONTENT %	DRY DENSITY PCF	MOISTURE CONTENT %	COMPACTION		SOIL TYPE
							ACT. %	REQ. %	
7	Building area, west end	-16.5' FSG	134.8	7.0	130.7	7.8	97.0	95	SAND, silty, slightly gravelly, brown (SM)
8	Parking area, east end	- 9.5' FSG	134.8	7.0	132.7	8.7	98.4	90	SAND, silty, slightly gravelly, brown (SM)
9	Building area, west end at center	-15.5' FSG	134.8	7.0	130.7	8.5	97.0	95	SAND, silty, slightly gravelly, brown (SM)
10	Parking area, east end at center	- 8.5' FSG	134.8	7.0	129.8	7.9	96.3	90	SAND, silty, slightly gravelly, brown (SM)
11	Building area at northwest corner	-14.5' FSG	134.8	7.0	132.2	8.2	98.1	95	SAND, silty, slightly gravelly, brown (SM)
12	Parking area, northeast corner	- 7.5' FSG	134.8	7.0	130.1	8.5	96.5	90	SAND, silty, slightly gravelly, brown (SM)

EQUIPMENT: 1-Scraper, 1-Dozer, 1-Roller, Water by Hose

TYPE OF TEST: AG
TEMPERATURE: 50-55°F
WIND: 3-5 MPH
PRECIPITATION: NONE

DENSITY - COMPACTION TEST RESULTS



Consulting Engineers and Geologists

DENSITY-COMPACTION TEST RESULTS

PROJECT: Wolfe Townhomes

PROJECT NO.: 3-4503-6037-00

DATE: 12/8/87

LOCATION: Juan Tabo & Manitoba

REPORT NO.: 1 Page 1 of 2

TIME: **HOURS**

SOURCE: Wylie Corporation

SAMPLE NO.:

ENGINEERING TECHNICIAN: Richard Vasquez

TEST NO.	LOCATION	DEPTH OR ELEVATION	PROCTOR DENSITY PCF	OPTIMUM MOISTURE CONTENT %	DRY DENSITY PCF	MOISTURE CONTENT %	COMPACTION		SOIL TYPE
							ACT. %	REQ. %	
1	Building area, northwest corner natural ground	-19.5' FSG	134.8	7.0	132.5	8.0	98.3	95	SAND, silty, slightly gravelly, brown (SM)
2	Parking area at center, natural ground	-12.5' FSG	134.8	7.0	131.9	7.4	97.8	90	SAND, silty, slightly gravelly, brown (SM)
3	Building area, west end at center	-18.5' FSG	134.8	7.0	133.7	8.2	99.2	95	SAND, silty, slightly gravelly, brown (SM)
4	Parking area, east end	-11.5' FSG	134.8	7.0	131.8	6.9	97.8	90	SAND, silty, slightly gravelly, brown (SM)
5	Building area, west end	-17.5' FSG	134.8	7.0	132.3	8.2	98.1	95	SAND, silty, slightly gravelly, brown (SM)
6	Parking area at center	-10.5' FSG	134.8	7.0	131.7	8.0	97.7	90	SAND, silty, slightly gravelly, brown (SM)

EQUIPMENT:

TYPE OF TEST:
TEMPERATURE:
WIND:
PRECIPITATION:

DENSITY - COMPACTION TEST RESULTS



Consulting Engineers and Geologists