

### City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

February 12, 2004

Martin Garcia, P.E.
ABQ Engineering
6739 Academy Rd. Suite 130 NE
Albuquerque, NM 87109

Re: Los Candelarias Subdivision, SIA/Financial Guarantee Release

Engineer's Stamp dated 4-29-03 (G14/D70)

Certification dated 2-09-04

Dear Mr. Garcia,

Based upon the information provided in your submittal received 2-11-04, the above referenced certification is approved for release of SIA and Financial Guarantee.

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

Kristal D. Metro

Sincerely,

Engineering Associate, Planning Dept. Development and Building Services

C: Arlene Portillo, COA# 709581

file

G-14/D70

### DRAINAGE AND TRANSPORTATION INFORMATION SHEET

(REV. 1/28/2003rd)

PROJECT TITLE: Los Candelarias Subdivision	ZONE MAP/DRG. FILE #:G-14
DRB #: 1002400 EPC#:	WORK ORDER#:
LEGAL DESCRIPTION: <u>Portion of Lot 4, Lot 5, Lot 6</u> CITY ADDRESS:	
ENGINEERING FIRM: ABQ Engineering, Inc ADDRESS: <u>6739 Academy NE Suite 130</u> CITY, STATE: <u>Albuquerque, NM</u>	CONTACT: <u>Martin J. Gar cia</u> PHONE: <u>255-7802</u> ZIP CODE: <u>87109</u>
OWNER: Centex Homes  ADDRESS: CITY, STATE:	CONTACT: <u>Norm Gregory</u> PHONE: <u>761-9606</u> ZIP CODE:
ARCHITECT:  ADDRESS:  CITY, STATE:  709581	CONTACT: PHONE: ZIP CODE:
SURVEYOR:  ADDRESS:  CITY, STATE:  CITY STATE:  ADDRESS:  CITY STATE:  ADDRESS:  ADDRE	CONTACT: PHONE: ZIP CODE:
CONTRACTOR:  ADDRESS:  CITY, STATE:  4/27/03	CONTACT: PHONE: ZIP CODE:
CHECK TYPE OF SUBMITTAL:	CHECK TYPE OF APPROVAL SOUGHT:
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WAS A PRE-DESIGN CONFERENCE ATTENDED  YES  NO COPY PROVIDED  DATE SUBMITTED:February 10, 2004	TON A A

Requests for approvals of Site Development Plans and/or Subdivision Plats shall be accompanied by a drainage submittal. The particular nature, location and scope of the proposed development defines the degree of drainage detail. One or more of the following levels of submittal may be required based on the following:

- 1. Conceptual Grading and Drainage Plan: Required for approval of Site Development Plans greater than five (5) acres and Sector Plans.
- 2. Drainage Plans: Required for building permits, grading permits, paving permits and site plans less than five (5)



February 10, 2004

Ms. Kristal Metro
Engineer Associate, Planning Department
City of Albuquerque Development and Building Services
600 2<sup>nd</sup> Street NW
Albuquerque, NM 87102

RE: As Constructed Grading and Drainage Plan for Los Candelarias Subdivision for Release of SIA/Financial Guarantee

Dear Ms. Metro:

Submitted herewith is the Final Certified Grading and Drainage plan for Los Candelarias Subdivision. The Plan as certified complies with the original intent and requirements of the approved grading and drainage plan. The plan dated 4/24/03 is being submitted since it has been marked up and certified by the survey that did the lot staking. The plan dated 4/24/03 is an exact copy of the approved plan dated 2/19/03. During the design review process, the grading plan was updated to a 4/24/03 date.

I have included the standard language you supplied in your comments of January 27, 2004. Please call if you have any questions or require additional information.

Munit

Martin J. Garcia, PE ABQ Engineering

22170

Sincerel



## City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

January 27, 2004

Martin Garcia, P.E.
ABQ Engineering
6739 Academy Rd. Suite 130 NE
Albuquerque, NM 87109

Re: Los Candelarias Subdivision, SIA/Financial Guarantee Release

Engineer's Stamp dated 4-28-03 (G14/D70)

Certification dated 1-19-04

Dear Mr. Garcia,

Based upon the information provided in your submittal received 1-26-04, the above referenced certification cannot be approved until the following comments are addressed:

- 1. Please certify the hydrology-approved grading and drainage plan, dated February 19, 2003.
- 2. Please use the standard text for your certification. A sample of this is attached.

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

Sincerely,

Kristal D. Metro

Engineering Associate, Planning Dept. Development and Building Services

C: file



## City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

### DRAINAGE CERTIFICATION

I,	, NMPE	, OF THE FIRM
	, HEREBY CERTIFY THA	T THIS PROJECT HAS BEEN
GRADED AND WILL DRA	IN IN SUBSTANTIAL CO	OMPLIANCE WITH AND IN
ACCORDANCE WITH THE	DESIGN INTENT OF THE	E APPROVED PLAN DATEI
THE REC	ORD INFORMATION EDI	TED ONTO THE ORIGINAL
DESIGN DOCUMENT HAS	BEEN OBTAINED BY	OF THI
FIRM	I FURTHER CERTIFY T	HAT I HAVE PERSONALLY
VISITED THE PROJECT S	ITE ON	AND HAVE DETERMINEI
BY VISUAL INSPECTIO	N THAT THE SURVE	EY DATA PROVIDED IS
REPRESENTATIVE OF A	CTUAL SITE CONDITION	ONS AND IS TRUE ANI
CORRECT TO THE BES	ST OF MY KNOWLED	GE AND BELIEF. THIS
CERTIFICATION IS SUI	BMITTED IN SUPPORT	OF A REQUEST FOR
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COMPLETE AND INTENDOM OF THE GRADING AND RELYING ON THE REC	ED ONLY TO VERIFY SU DRAINAGE ASPECTS O CORD DOCUMENT AR	JBSTANTIAL COMPLIANCE F THIS PROJECT. THOSE E ADVISED TO OBTAIN
VISITED THE PROJECT SITE ON AND HAVE DETERMINE BY VISUAL INSPECTION THAT THE SURVEY DATA PROVIDED REPRESENTATIVE OF ACTUAL SITE CONDITIONS AND IS TRUE AN CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. TH CERTIFICATION IS SUBMITTED IN SUPPORT OF A REQUEST FOR THE RECORD INFORMATION PRESENTED HEREON IS NOT NECESSARIE COMPLETE AND INTENDED ONLY TO VERIFY SUBSTANTIAL COMPLIANCE OF THE GRADING AND DRAINAGE ASPECTS OF THIS PROJECT. THOSE RELYING ON THE RECORD DOCUMENT ARE ADVISED TO OBTAIN INDEPENDENT VERIFICATION OF ITS ACCURACY BEFORE USING IT FOR		
Date		

G-14/D70

#### DRAINAGE AND TRANSPORTATION INFORMATION SHEET

(REV. 1/28/2003rd)

PROJECT TITLE: Los Candelarias Su DRB #: 1002400	bdivisiion EPC#:	ZONE MAP/DRG. FILE #:g-14 WORK ORDER#:
LEGAL DESCRIPTION: CITY ADDRESS:		
ENGINEERING FIRM: ABQ Engineering, ADDRESS: 6739 Academy NE S CITY, STATE: Albuquerque, NM	<u>uite 130</u>	CONTACT: <u>Martin J. Garcia</u> PHONE: <u>255-7802</u> ZIP CODE: <u>87109</u>
OWNER: Centex Homes  ADDRESS: 6739 Academy NE S  CITY, STATE: Albuquerque, NM		CONTACT: <u>Jeff Harrision</u> PHONE: <u>255-7802</u> ZIP CODE: <u>87109</u>
ARCHITECT: ADDRESS: CITY, STATE:	D) Mile College IV (Mile) JAN 2	CONTACT: PHONE: ZIP CODE:
SURVEYOR: ADDRESS: CITY, STATE:	HYDROLOGY SECTION	CONTACT: PHONE: ZIP CODE:
CONTRACTOR: ADDRESS: CITY, STATE:	·	CONTACT: PHONE: ZIP CODE:
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WAS A PRE-DESIGN CONFERENCE AT  YES  NO COPY PROVIDED	TENDED: Need Stan	70 date 2/19/03
DATE SUBMITTED: January 26, 2004	BY: <u>Ma</u>	tin J. Garcla

Requests for approvals of Site Development Plans and/or Subdivision Plats shall be accompanied by a drainage submittal. The particular nature, location and scope of the proposed development defines the degree of drainage detail. One or more of the following levels of submittal may be required based on the following:

- 1. Conceptual Grading and Drainage Plan: Required for approval of Site Development Plans greater than five (5) acres and Sector Plans.
- 2. Drainage Plans: Required for building permits, grading permits, paving permits and site plans less than five (5)

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	1.6	

3. **Drainage Report**: Required for subdivisions containing more than ten (10) lots or constituting five (5) acres or more.



January 23, 2004

Mr. Brad Bingham
City of Albuquerque Development Services
600 2<sup>nd</sup> Street NW
Albuquerque, NM 87102

RE: As Constructed Grading and Drainage Plan for Los Candelarias Subdivision DRB Project No. 1002400

Dear Mr. Bingham:

Enclosed herewith is the As-constructed Grading and Drainage Plan for your approval. The project complies with the intent and design of the approved Grading and Drainage Plan.

Please call if you have any questions or require additional information.

Martin I Garcia PF

ABQ Engineering, Inc.

22170

Sincerely,



## City of Albuquerque P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

February 25, 2003

Martin Garcia
ABQ Engineering
1631 Eubank NE, Suite C
Albuquerque, New Mexico 87112

RE: Grading and Drainage Plan for Los Candelarias Subdivision (G14-D70) Dated February 19, 2003

Dear Mr. Garcia:

The above referenced drainage plan is approved for preliminary plat action at DRB.

If you have any questions please call me at 924-3982.

Sincerely,

Carlos A. Montoya

City Floodplain Administrator

: -1

Mr. Carlos Montoya
City Floodplain Administrator
City of Albuquerque
600 2<sup>nd</sup> Street NW
Albuquerque, NM 87102

RE: Grading and Drainage Plan Submittal for Los Candelarias Subdivision

Dear Mr. Montoya:

I am in receipt of your comments for Los Candelarias Subdivision dated February 18, 2003 and offer the following responses.

- 1. Please address if the Harwood Lateral is still active. Are there any flows entering from this lateral?

  No the Harwood Lateral has been abandoned and no flows are entering this property.
- 2. Please address if there are any offsite flows into the subdivision.

As stated in the drainage report submitted, there are no off-site flows into this subdivision. All properties surrounding this site have been developed and have either perimeter block walls or solid wood fences. (see g&d plan)

3. The concrete valley in the back yard should be placed in a private drainage easement. Please indicate on the plat who will maintain this private easement.

A 5 ft private drainage easement has been added to the plat for each concrete valley gutter. Maintenance of each easement will be the responsibility of the individual lot owner and is shown on the plat.

4. Please include a vicinity map on the drawing.

Vicinity map has been added.

5. Please include a typical lot, which shows typical elevations and drainage flow arrows.

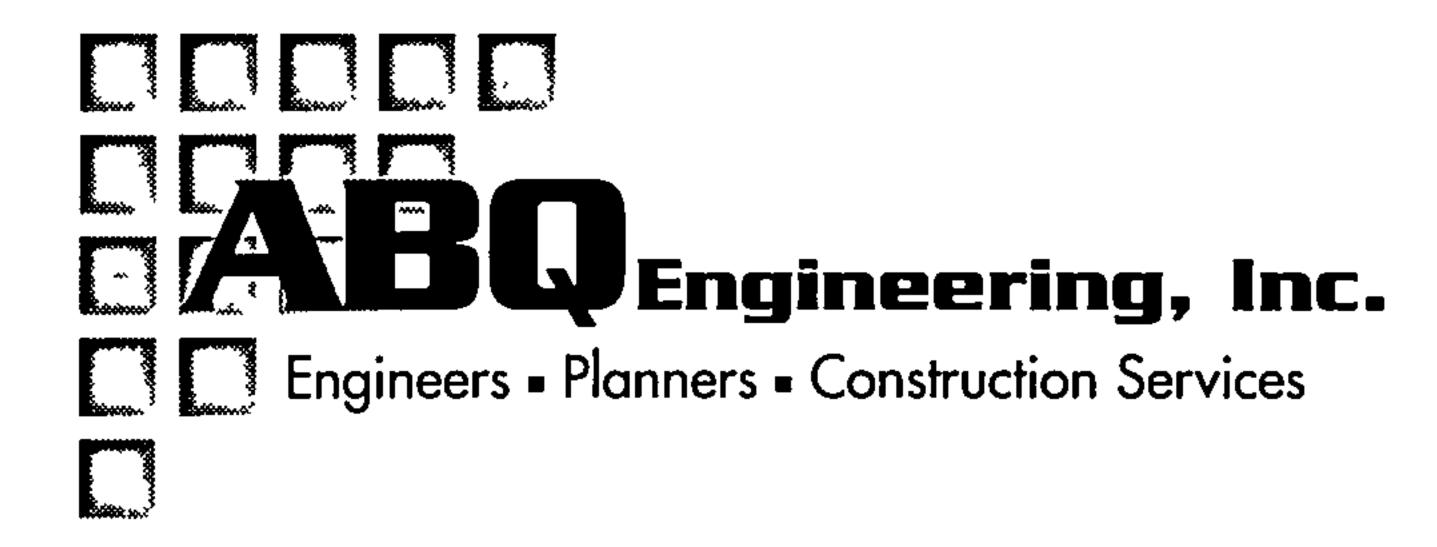
See attached grading and drainage plan.

6. Please use the standard sidewalk culvert that is shown in the City Specifications.

A call out has been added requiring construction to be in accordance with City standard drawing no. SD2236

7. Please call out a sidewalk culvert on Candelaria Boulevard and the west property line.

A callout has been added see grading and drainage plan.



8. Include existing grades on the outside perimeter of the subdivision. These grades will be used to determine offsite flows and if retaining wall are needed

Since there are perimeter fences/walls surrounding the properties, no grades were shown. There are no off-site flows into the property.

9. How will the cross hatching area in the subdivision be treated?

The cross hatched area will be base course gravel.

10. Is there sufficient inlet capacity in the downstream drainage system?

Based on previous conversations with Brad Bingham, there is existing capacity in the storm drain system downstream. There are several inlets in the intersections downstream from this site.

11. Is there a MRGCD dewatering pipe in the subdivision?

Yes, there is an abandoned 30" subsurface storm drain pipe approximately 85 east of the west property line that runs from north to south. Discussions with MRGCD indicated that they will allow the pipe to be removed and the easement vacated. This item is still in process.

Please call me at 255-7892 if you need any clarification or require additional information.

Martin J. Garcia, PE

ABQ Engineering, Inc.

22096

	(0-1919)
PROJECT TITLE: COSCANUELANCIAS SUBDIVIS	C/14
PROJECT TITLE: COCANUEMUS XIBDIVIS	ZONE MAP/DRG. FILE #:
LEGAL DESCRIPTION: WAS 100 H LOT 4, LOT 5, LOT CITY ADDRESS:	G Bledc 18 Markbridge Achtion.
	CONTACT: MADONU GAACIA
ENGINEERING FIRM: 430 ENGINEERING FIRM:	
ADDRESS: CUBALL 118 SUITE	
CITY, STATE: THASHA	
OWNER: BANK OF ALBURIOUS	CONTACT: FLAA WYATT PHONE: Z82-Z342
ADDRESS:	
CITY, STATE:	ZIP CODE:
•	CONTACT:
ARCHITECT:	PHONE:
ADDRESS:	ZIP CODE:
CITY, STATE:	•
SURVEYOR:	CONTACT:
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CITY, STATE:	ZIP CODE:
	CONTACT:
CONTRACTOR: ADDRESS:	PHONE:
CITY, STATE:	ZIP CODE:
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WAS A PRE-DESIGN CONFERENCE ATTENDED: YES NO COPY PROVIDED DECEVE FEB 2 0 2003 BY HYDROLOGY SECTION	Matthews to the second of the
Requests for approvals of Site Development Plans and/or Subd	ivision plats shall be accompanied by a drainage submitta

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2. Drainage Plans: Required for building permits, grading permits, paving permits and site plans less than five (5)

3 Drainage Report: Required for subdivisions containing more than ten (10) lots or constituting five (5) acres or

ore of the following levels of submittal may be required based on the following:

DRAINAGE AND TRANSPORTATION INFORMATION SHEET

(REV. 1/11/2002)



## City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

February 18, 2003

Martin Garcia
ABQ Engineering
1631 Eubank NE, Suite C
Albuquerque, New Mexico 87112

RE: Grading and Drainage Plan for Los Candelarias Subdivision (G11-D40) Dated January 21, 2003

Dear Mr. Garcia:

I have reviewed the referenced drainage plan and forward the following comments.

- 1. Please address if the Harwood Lateral is still active. Are there any flows entering the site from this lateral?
- 2. Please address if there are any offsite flows into the subdivision.
- 3. The concrete valley in the back yard should be placed in a *private* drainage easement. Please indicate on the plat who will maintain this private easement.
- 4. Please include a vicinity map on the drawing.
- 5. Please include a typical lot, which shows typical elevations and drainage flow arrows.
- 6. Please use the standard sidewalk culvert that is shown in the City Specifications.
- 7. Please call out a sidewalk culvert on Candelaria Boulevard and the west property line.
- 8. Include existing grades on the outside perimeter of the subdivision. These grades will be used to determine offsite flows and if retaining walls are needed.
- 9. How will the cross hatching area in the subdivision be treated?
- 10. Is there sufficient inlet capacity in the downstream drainage system?
- 11. Is there a MRGCD dewatering pipe in the subdivision?

If you have any questions please call me at 924-3982.

Sincerely,

Carlos A. Montoya

City Floodplain Administrator

### DRAINAGE AND TRANSPORTATION INFORMATION SHEET.

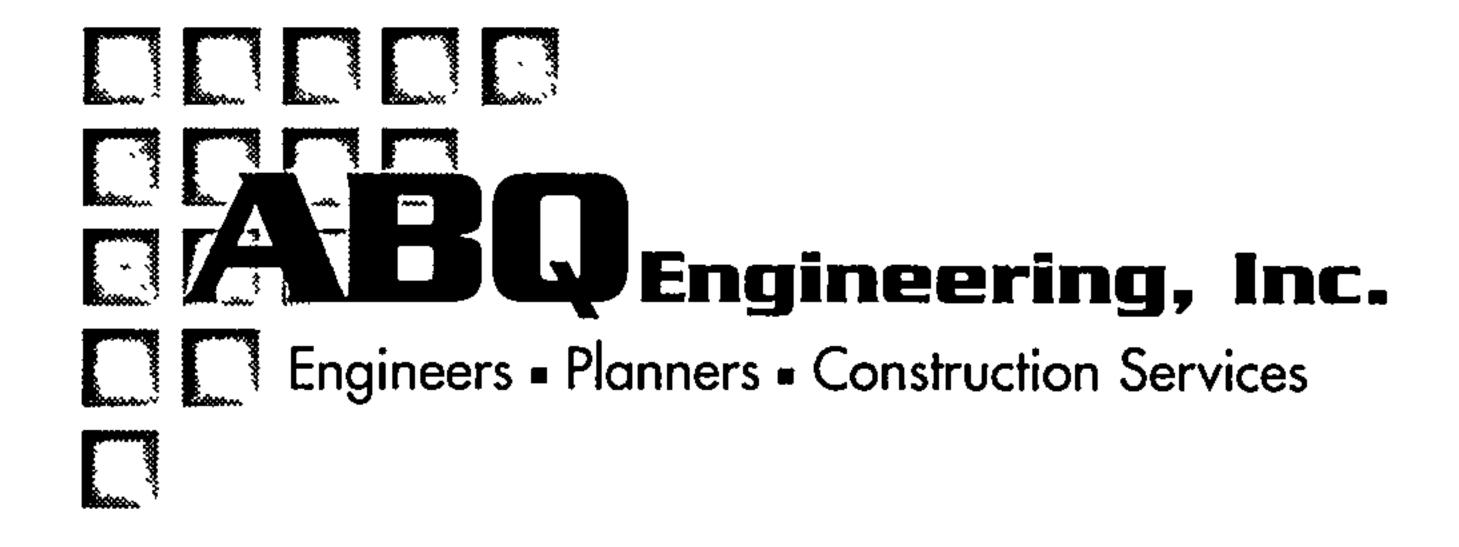
(REV. 1/11/2002)

G-14/D70

PROJECT TITLE: CO CANUELANIAS SUBDIVI DRB #: C2 DRB - 01935 EPC#:EPC#:	SIM ZONE MAP/DRG. FILE #:
	WORK ORDER#:
LEGAL DESCRIPTION: West in # Lot 4, Lot 5, Lot CITY ADDRESS:	G Bleck 18 Markbridge Addition.
ENGINEERING FIRM: 480 ENGINEERING ADDRESS: 1031 EUBAUK UB SUITE	CONTACT: MARCIA GARCIA PHONE: 255-7802
CITY, STATE: MUBULE 197112	PHONE: 25-7802  ZIP CODE:
OWNER: PAUL DE ALPY BUSINES	
OWNER: DANK DE ARBURALONDE	CONTACT: Elsaa WYATT  PHONE: Z82-Z342
CITY, STATE:	PHONE: ZE2-Z342
	ZIP CODE:
ARCHITECT:	CONTACT:
ADDRESS:CITY, STATE:	PHONE:
OHI, SIMIE.	ZIP CODE:
SURVEYOR:	CONTACT:
ADDRESS	PHONE:
CITY, STATE:	ZIP CODE:
CONTRACTOR:	
ADDRESS:	CONTACT:
CITY, STATE:	PHONE: ' ZIP CODE:
CHECK TYPE OF SUBMITTAL:  DRAINAGE REPORT  DRAINAGE PLAN  CONCEPTUAL GRADING & DRAINAGE PLAN  GRADING PLAN  EROSION CONTROL PLAN  ENGINEER'S CERTIFICATION (HYDROLOGY)  CLOMR/LOMR  TRAFFIC CIRCULATION LAYOUT (TCL)  ENGINEERS CERTIFICATION (TCL)  ENGINEERS CERTIFICATION (DRB APPR. SITE PLAN)  OTHER TRAFFIC DIST.	CHECK TYPE OF APPROVAL SOUGHT:  SIA / FINANCIAL GUARANTEE RELEASE 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 (PERM.) CERTIFICATE OF OCCUPANCY (TEMP.) GRADING PERMIT APPROVAL PAVING PERMIT APPROVAL WORK ORDER APPROVAL OTHER (SPECIFY)
WAS A PRE-DESIGN CONFERENCE ATTENDED: YES NO COPY PROVIDED  DATE SUBMITTED: //2/63	D 国企区 D JAN 2 1 2003 HYDROLOGY SECTION
Requests for approvals of Site Development Plans and/or Subdiv	

The particular nature, location and scope of the proposed development defines the degree of drainage detail. One or more of the following levels of submittal may be required based on the following:

- 1. Conceptual Grading and Drainage Plan: Required for approval of Site Development Plans greater than five
- 2. Drainage Plans: Required for building permits, grading permits, paving permits and site plans less than five (5)
- 3. Drainage Report: Required for subdivisions containing more than ten (10) lots or constituting five (5) acres or



January 21, 2003

Mr. Brad Bingham
Assistant City Engineer
City of Albuquerque
600 2<sup>nd</sup> Street NW
Albuquerque, NM 87102

RE: Grading and Drainage Plan Submittal for Los Candelarias Subdivision

Dear Mr. Bingham:

Transmitted herewith for your review and approval is the Grading and Drainage Plan for the Los Candelarias Subdivision located on the north side of Candelaria Boulevard between Otra Vez Court and Cuervo Court. (Zone atlas map G14).

Please call me if you need any clarification or require additional information.

Martin J. Garcia, PE

ABQ Engineering, Inc.

22170

Sincerely,

### DRAINAGE REPORT

FOR

# LOS CANDELARIAS SUBDIVISION

A 36-LOT SINGLE FAMILY RESIDENTIAL SUBDIVISION

ALBUQUERQUE, NEW MEXICO January 2003

Prepared By:

ABQ Engineering, Inc.

1631 Eubank NE Suite C Albuquerque, NM 87112 255-7802 Fax 255-7902



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Appendix A Calculations, off-site Drainage Basin Maps
Appendix B Site Grading and Drainage Plan

# DRAINAGE REPORT for LOS CANDELARIAS SUBDIVISION

### I. INTRODUCTION

This report documents the methods used to determine and convey the storm water runoff from the Los Candelarias Subdivision. Los Candelarias Subdivision contains the West ½ of lot 4, lot 5 and lot 6 Block 18 of Monkbridge Addition. The proposed subdivision is located along the north side of Candelaria Boulevard between Otra Vez Ct. and Cuervo Ct. and consists of 36 residential lots.

### II. PROJECT DESCRIPTION

The Los Candelarias subdivision is a vacant 4.56-acre tract that will be developed into a 36-lot residential subdivision. It is bounded by Candelaria Boulevard on the South, existing development on the North, West, and East. The property is Zoned SU-2/R-T, and is subject to the requirements of the Los Candelarias Village Center & Metropolitan Redevelopment Plan.

### III. METHODOLOGY

The hydrology calculations follow the guidelines set forth in Section 22.2 of the Albuquerque Development Process Manual (DPM). The 100yr-24 hour storm was used to compute runoff quantities. All properties adjacent to this subdivision are fully developed and there is no off-site runoff entering this property. All calculations were done assuming no off-site flows.

### IV. DRAINAGE COMPUTATIONS

The proposed development is within Precipitation Zone 2. The Land Treatment Area for the proposed subdivision is as follows:

Type "D"	59%
Type "C"	20%
Type "B"	21%
Type "A"	0%

The analysis resulted in an undeveloped flow of 7.38 cfs and a developed flow of 17.81 cfs.

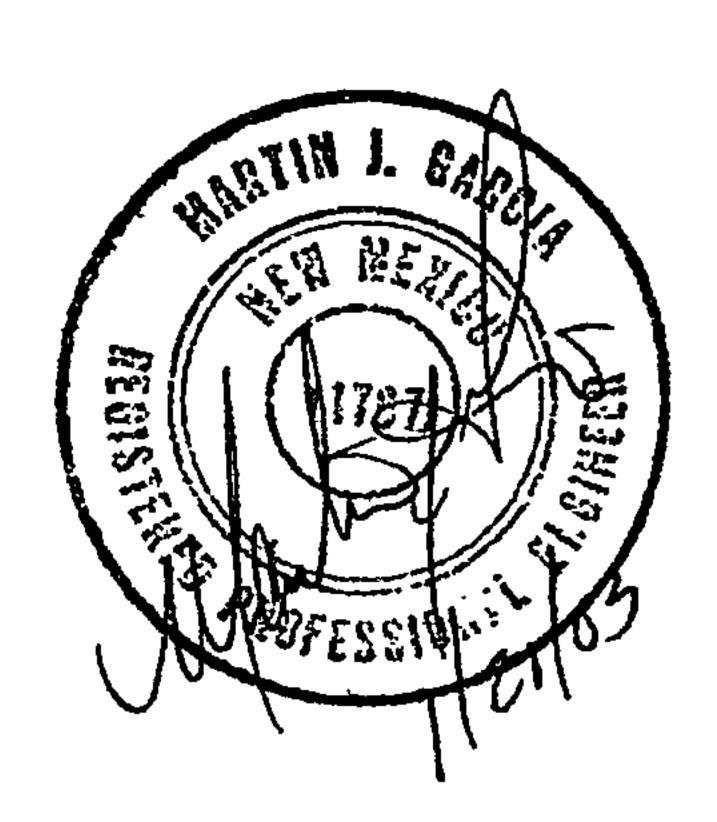
### V. INFRASTRUCTURE

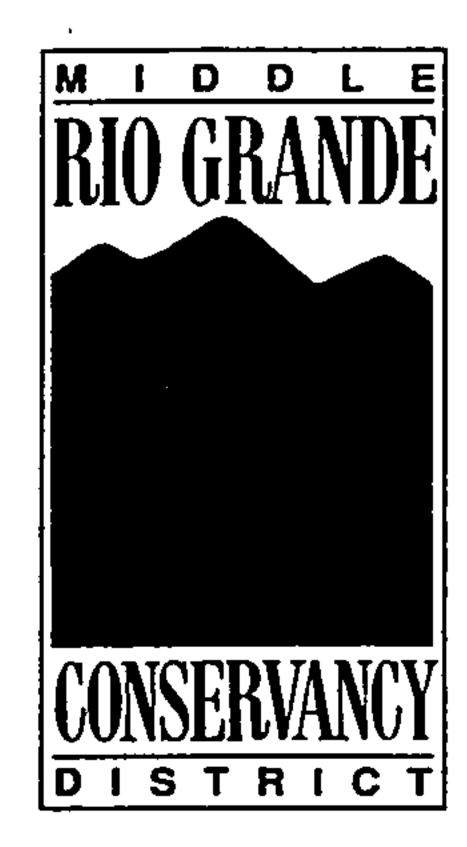
The interior street will be 25 ft. face to face with mountable curb at a 0.5% grade except at the entrance to the subdivision where the street width is 36 ft. face to face. The flows will be conveyed to Candelaria Boulevard through the proposed 25 ft. street (see Grading and Drainage Plan attached). Three lots on the East end of the Subdivision and three lots on the West end of the subdivision will drain directly to Candelaria Boulevard via a 2 ft. wide concrete valley gutter. Candelaria Boulevard drains to the west into an existing storm drainage system

### VI. SUMMARY AND CONCLUSION

The Storm drainage design and computations associated with this proposed subdivision is very straightforward. There are no off-site flows, all surrounding properties are developed, and Candelaria Boulevard has a storm drainage system with adequate capacity. The developed flows will be conveyed through the interior street to Candelaria Boulevard.

Included with this report is the AHYMO computer program input, output, and summary for the 100yr-24hour storm, and a copy of the zone atlas map.





February 21, 2003

Mr. Martin J. Garcia, P.E. ABQ Engineering, Inc. 1631 Eubank NE, Suite C Albuquerque, NM 87112

REF.: LOS CANDELARIAS SUBDIVISION & THE ROSSITER CONCRETE PIPE DRAIN - DRB PROJECT # 1002400

Dear Mr. Garcia:

Los Candelarias Subdivision is planned to be developed on an exiting buried pipe structure called the Rossiter Concrete Pipe Drain. The pipe drain was installed in the early 1940's. Our records show that the Rossiter Concrete Pipe Drain was abandoned in 1982 and the line easement granted for the pipe drain to be reverted back to adjoining property owners. The District has no property interest for the Rossiter Concrete Pipe Drain.

If you have any questions please feel free to contact Mr. Ray Gomez for more information at (505) 247-0234.

Sincerely,

XC:

Subhas K. Shah

Chief Executive Officer

P.O. Box 581

87103-0581

1931 Second St. SW

Albuquerque, NM

87102-4515

505-247-0234

Fax # 505-243-7308

Leonard Utter, Assistant Engineer

Ray Gomez, Engineer 1

Brad Bingham, City of Albuquerque

File

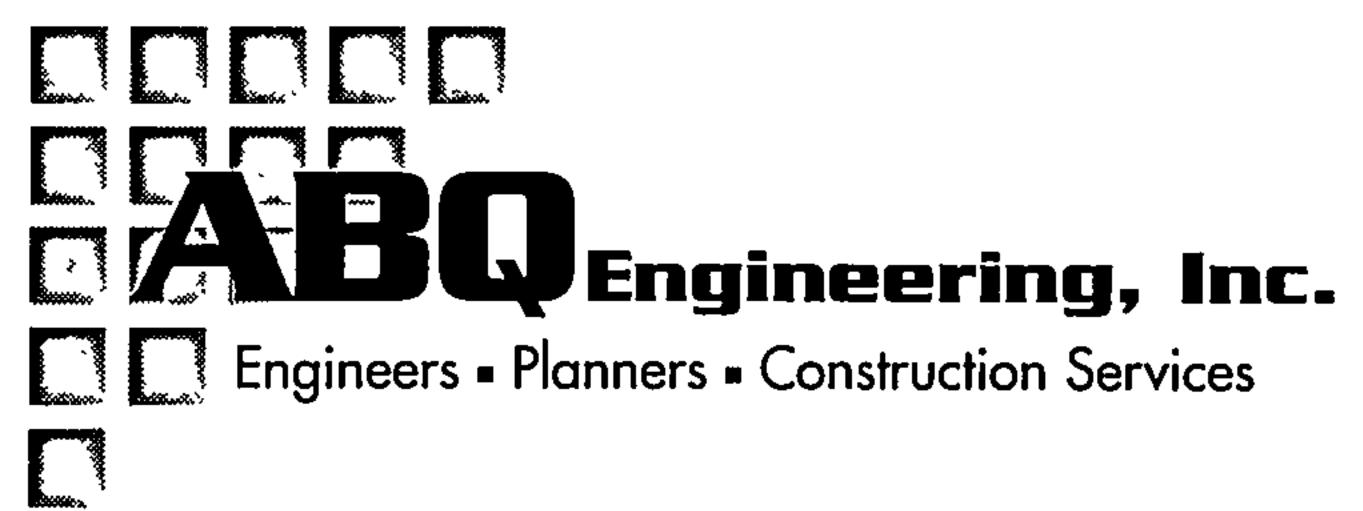
### DRAINAGE AND TRANSPORTATION INFORMATION SHEET

(REV. 1/11/2002)

PROJECT TITLE: LOS CANDELANIAS SUBDIVISIO	W_ZONE MAP/DRG. FILE #:
DRB #: 02.018-01935 EPC#:	WORK ORDER#:/
LEGAL DESCRIPTION: West 100 # LOT 4, LOT 5, LOT G	<u> </u>
ENGINEERING FIRM: ABO ENGINEEMING ADDRESS: 1031 EUBAUK 40 SUITE C	CONTACT: MARCUA CARCUA PHONE: 255-7802
CITY, STATE: AUBUL 97112	ZIP CODE
OWNER: BALL DE ALBU QUOLOUS.	CONTACT: FLORA WYATT
ADDRESS:	PHONE: 1282-2342
CITY, STATE:	TIP CODE:
ARCHITECT:	CONTACT:
ADDRESS:	PHONE:
CITY, STATE:	ZIP CODE:
SURVEYOR:	CONTACT:
ADDRESS #	PHONE:
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DRANAGE PLAN	PRELIMINARY PLAT APPROVAL
CONCEPTUAL GRADING & DRAMAGE PLAN	S. DEV. PLAN FOR SUB'D. APPROVAL
GRADING PLAN EROSION CONTROL PLAN	S. DEV. PLAN FOR BLDG. PERMIT APPROVAL
ENGINEER'S CERTIFICATION (HYDROLOGY)	SECTOR PLAN APPROVAL FINAL PLAT APPROVAL
CLOMR/LOMR	FOUNDATION PERMIT APPROVAL
TRAFFIC CIRCULATION LAYOUT (TCL)	BUILDING PERMIT APPROVAL
ENGINEERS CERTIFICATION (TCL)	CERTIFICATE OF OCCUPANCY (PERM.)
ENGINEERS CERTIFICATION (DRB APPR. SITE PLAN) OTHER TWATTIC DIST. PLAN	CERTIFICATE OF OCCUPANCY (TEMP.) GRADING PERMIT APPROVAL
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WAS A PRE-DESIGN CONFERENCE ATTENDED:	
YES	1 1 1 2 1 2003 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
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DATE SUBMITTED: //U/D	

Requests for approvals of Site Development Plans and/or Subdivision Plats shall be accompanied by a drainage submittal. The particular nature, location and scope of the proposed development defines the degree of drainage detail. One or more of the following levels of submittal may be required based on the following:

- 1. Conceptual Grading and Drainage Plan: Required for approval of Site Development Plans greater than five
- 2. Drainage Plans: Required for building permits, grading permits, paving permits and site plans less than five (5)
- 3. Drainage Report: Required for subdivisions containing more than ten (10) lots or constituting five (5) acres or



January 21, 2003

Mr. Richard Dourte City of Albuquerque 600 2<sup>nd</sup> Street NW

RE: Traffic Distribution Plan for Los Candelarias (G14)

Dear Mr. Dourte:

As required by City DPM, the traffic generation and distribution has been developed for the Laurelwood Park Subdivision. The following chart shows how the trip generation:

Traffic Due to Sub. Total Traffic

Point A 170 trips /day

Point B 190 trips/day

Total Traffic 360 trips/day

Point C 144 Trips/day (40%) Point D 216 Trips/day (60%)

The numbers assume that there are 10 trips/day/unit. The 60/40 split was chosen due to the access to the freeway and major arterials (12<sup>th</sup> Street).

Candelaria Boulevard in this reach has two (2) lanes in each direction with a continuous lane in the center. Candelaria Boulevard has been observed at several times of the day, and there are enough gaps in the existing traffic flow to allow for merging of the traffic generated by the subdivision.

Please call me if you need additional information or have any questions.

Martin J. Garcia, PE

ABQ Engineering, Inc.

22170

Sincerely,



### TRAFFIC DISTRIBUTION PLAN

SCALE: 1" = 80'



#### Traffic Distribution Table

36 LOTS 6 10 TRIPS/DAY

A. 170 TRIPS/DAY

B. 190 TRIPS/DAY

D. 216 TRIPS/DAY

C. 144 TRIPS/DAY

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Engineers • Planners • Construction Services 1631 Eubank NR, Suite C,					DATE			NED BY	N BY	CKED BY
Albuquerque, NM 87112 506-255-7802 FAX 505-255-7902 ABQ NO. 22170					NO.			DESIGNED	DRAW	CHEC
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ABO
Engineering,
Inc.

TRAFFIC DISTRIBUTION PLAN

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